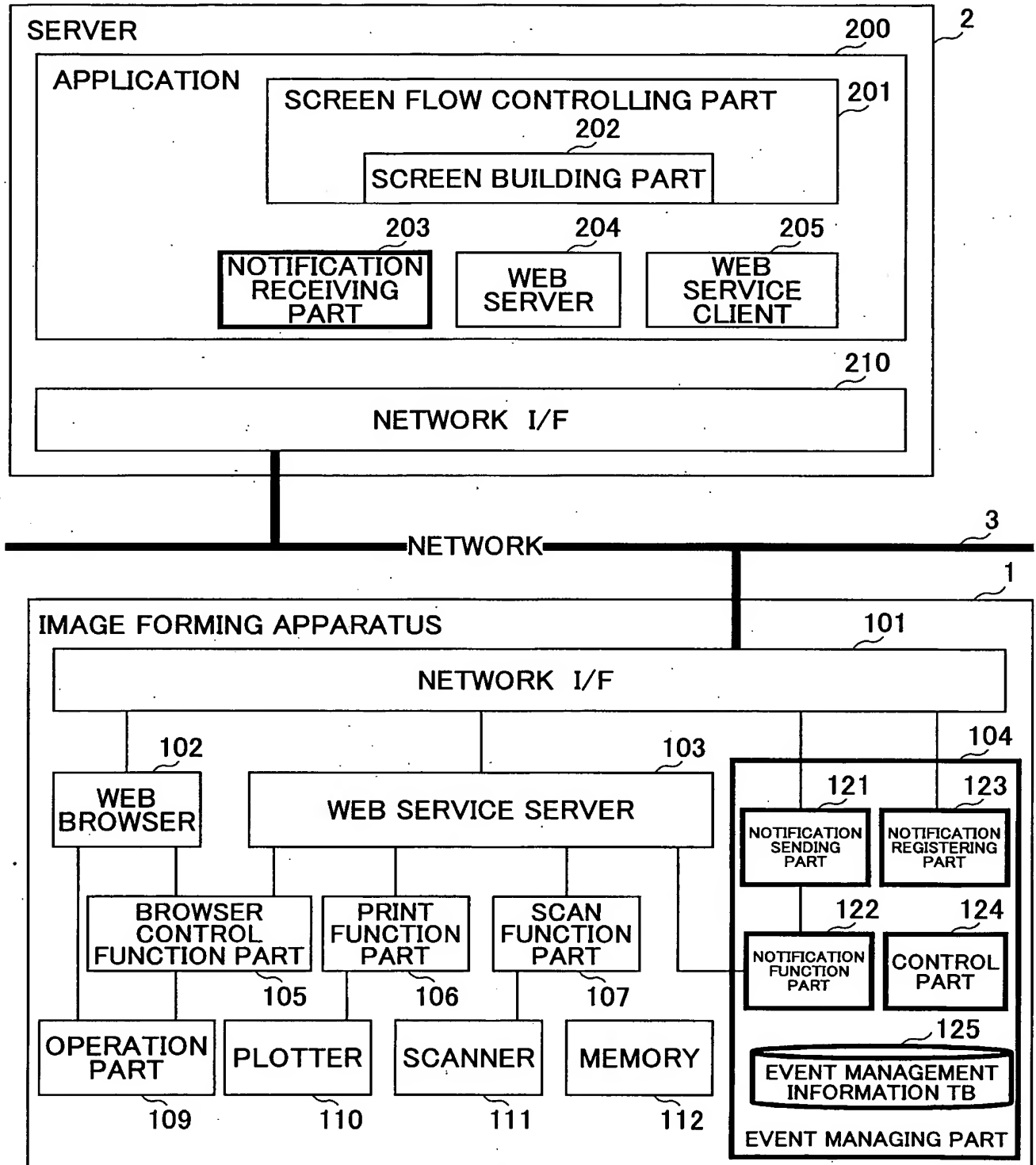


FIG.1

2/89

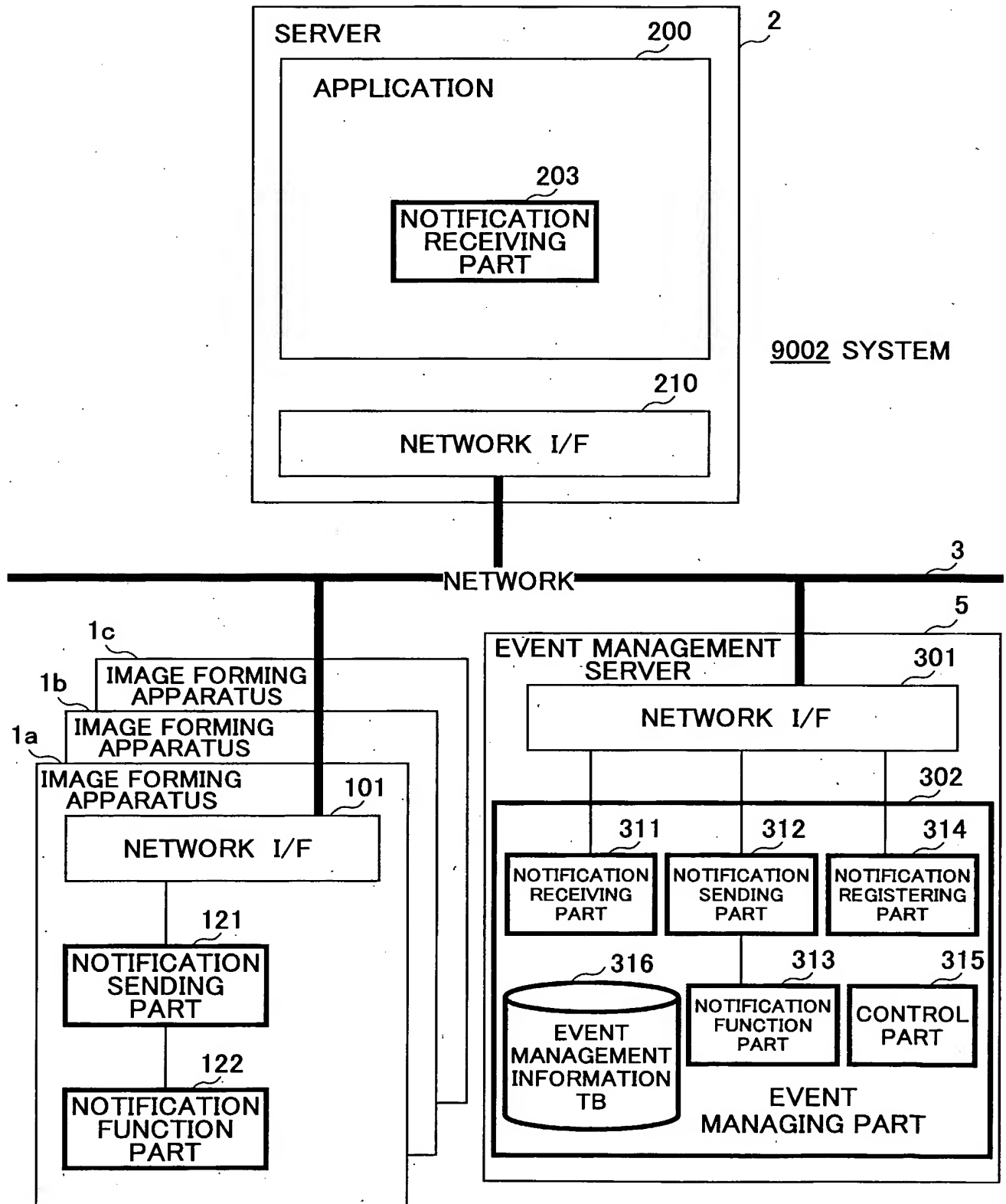
FIG.2



9001 SYSTEM

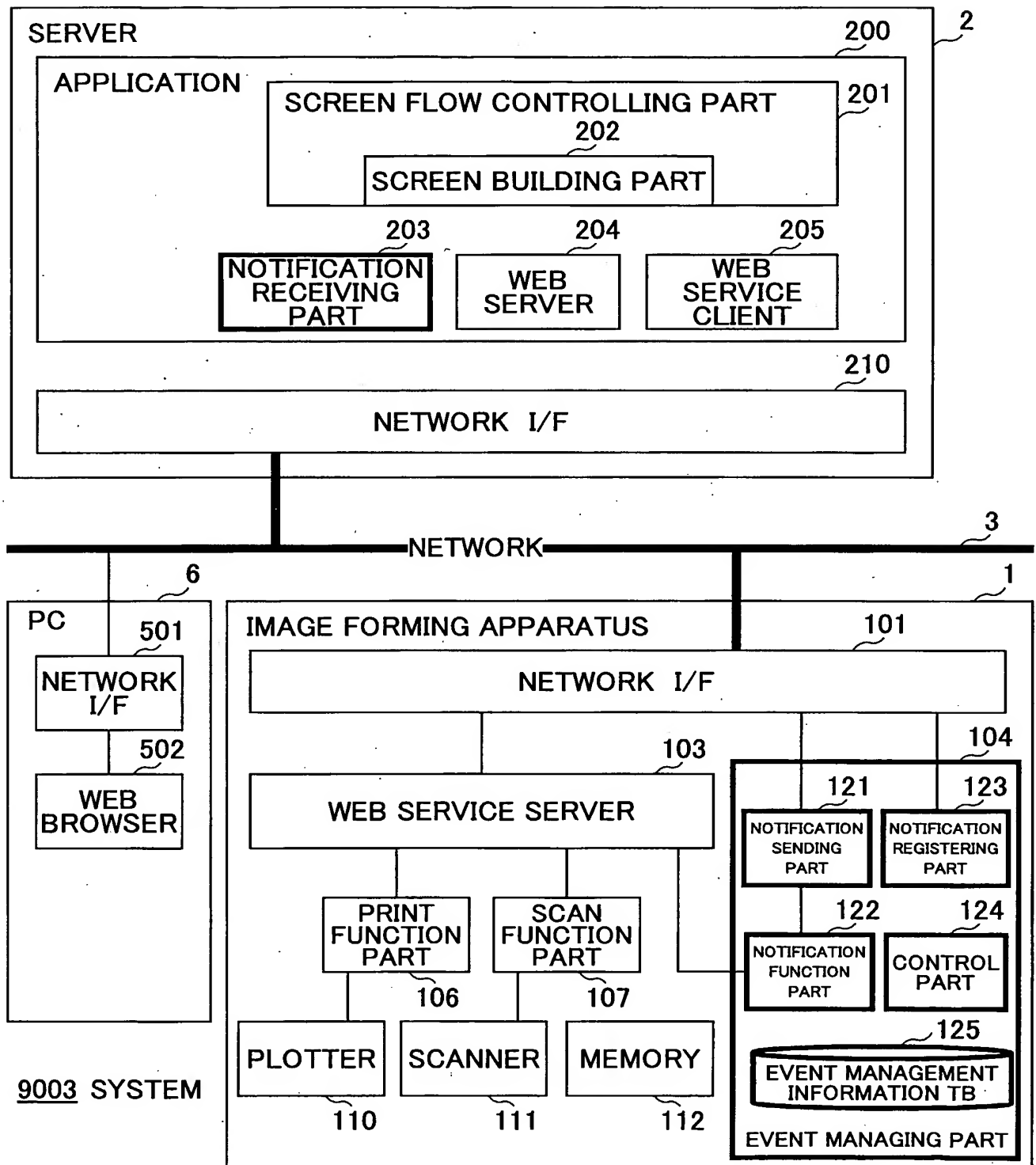
3/89

FIG.3



4/89

FIG.4



5/89

FIG.5

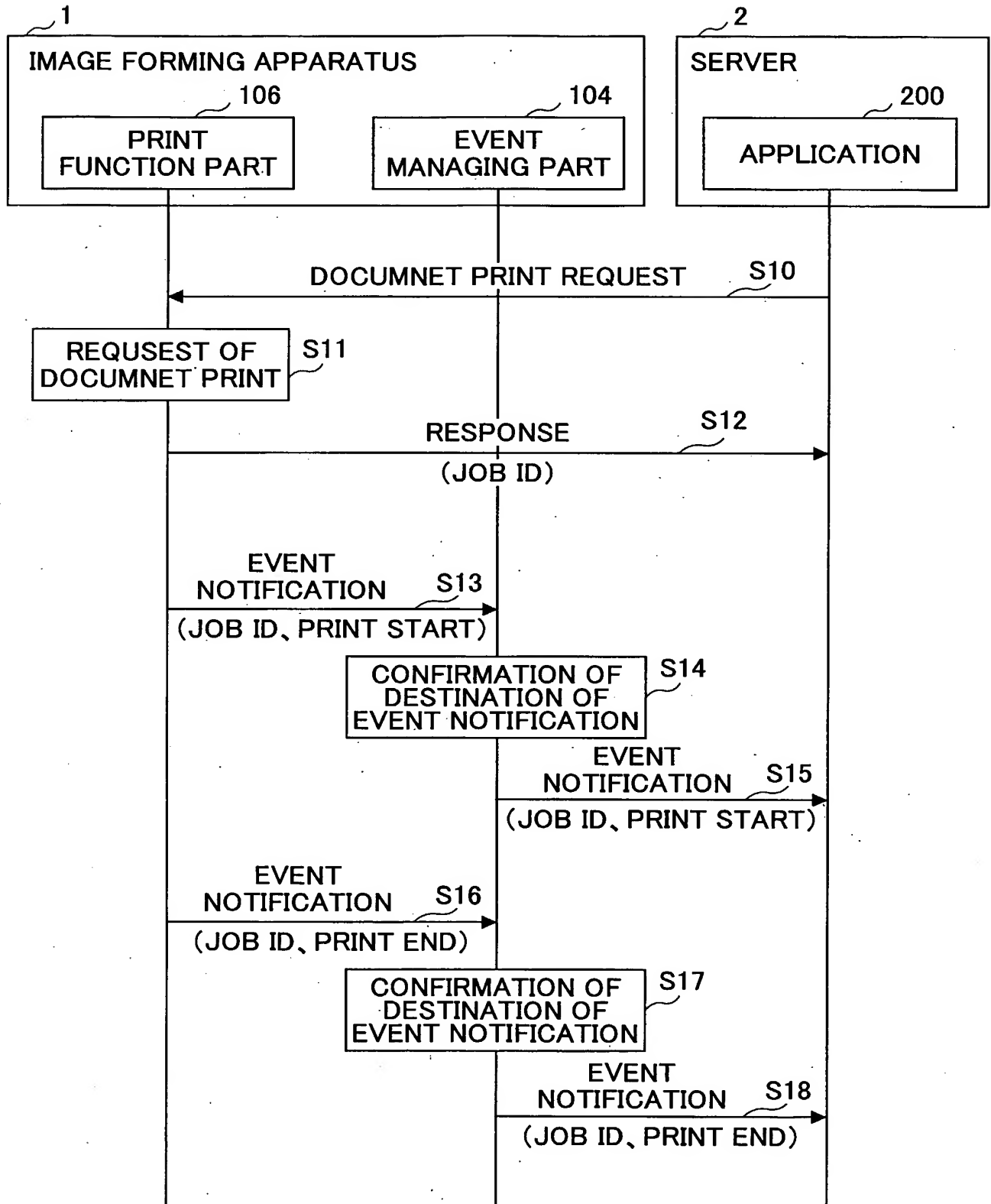


FIG.6

125

WEB SERVICE	STATE	DESTINATION OF EVENT NOTIFICATION	EVENT NOTIFICATION CONTENTS	EVENT REGISTRATION NUMBER
PRINT SERVICE	PRINT START	http://111.2.33.44/event/print	JOB ID JOB STATE	0001
	PRINT END	http://111.2.33.44/event/print	JOB ID JOB STATE JOB RESULT	0002
	ERROR STOP	http://111.2.33.44/event/print	JOB ID JOB STATE ERROR REASON	0010
		http://111.2.33.22/event/print	JOB ID JOB STATE	0011
DEVICE MANAGEMENT SERVICE	TRAY SETTING CHANGE	http://111.2.33.44/event/device	TRAY SETTING INFORMATION	0001
.....

7/89

FIG.7

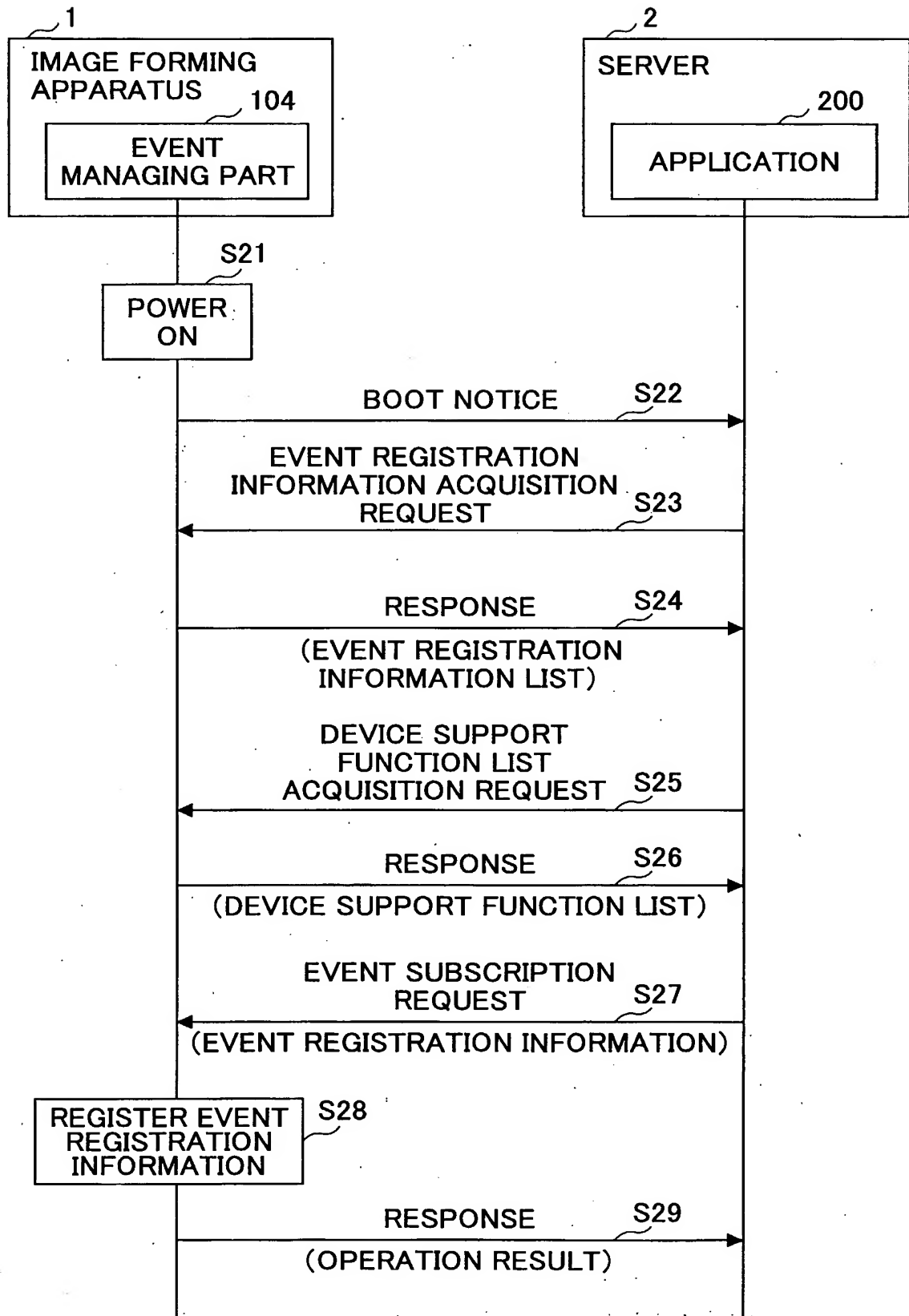


FIG.8

WEB SERVICE	STATE FOR EVENT NOTICE	EVENT NOTIFICATION DESTINATION	EVENT REGISTRATION NUMBER
PRINT SERVICE	PRINT START	http://111.2.33.44/event/print	0001
	PRINT END	http://111.2.33.44/event/print	0002
	ERROR STOP (PAPER JAM)	http://111.2.33.44/event/print_error	0010
DEVICE MANAGEMENT SERVICE	TRAY SETTING CHANGE	http://111.2.33.44/event/device	0021
.....

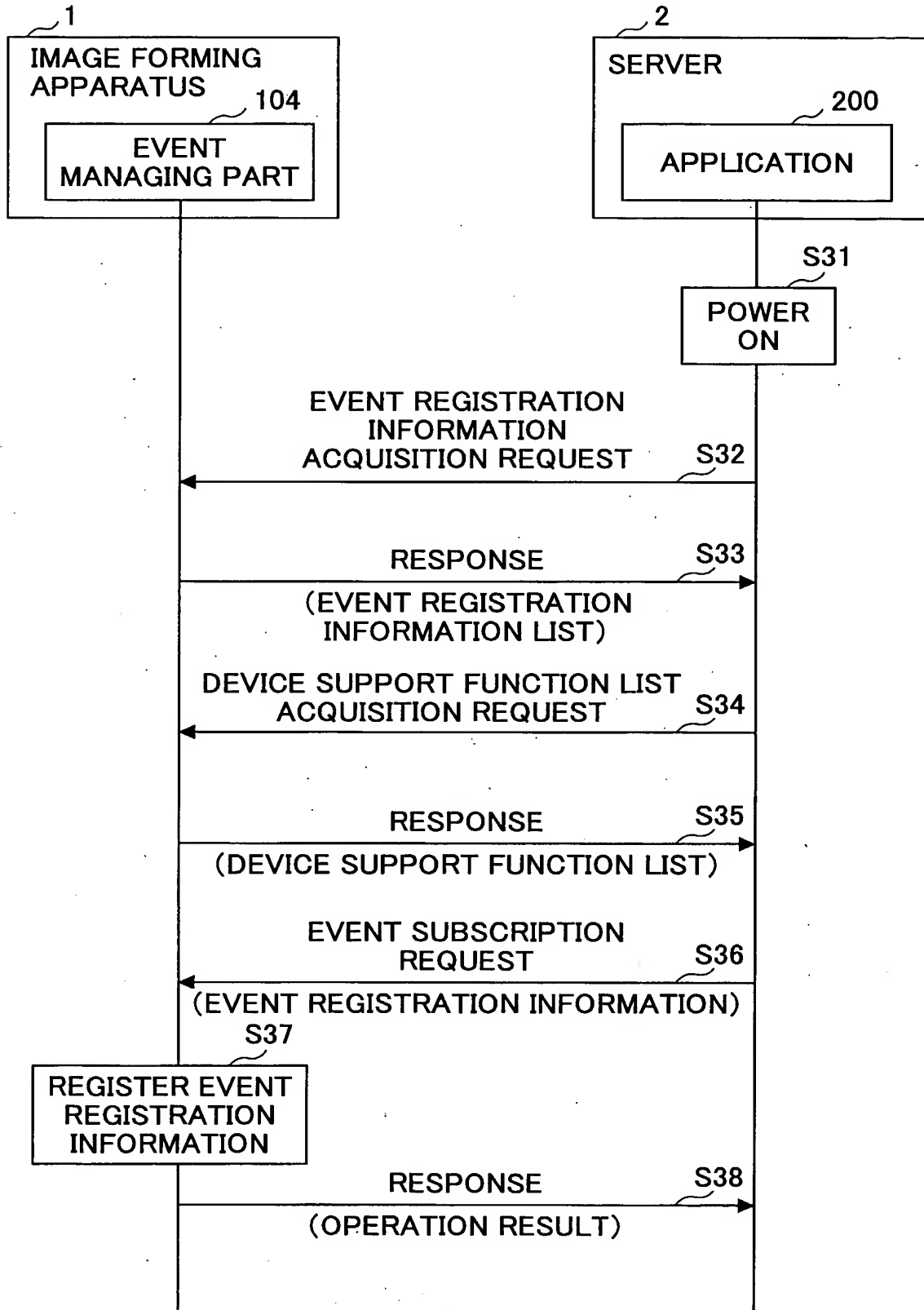
9/89

FIG.9

WEB SERVICE	STATE
PRINT SERVICE	PRINT START
	PRINT END
	ERROR STOP (PAPER JAM)
	ERROR STOP (PAPER SHORTAGE)
DEVICE MANAGEMENT SERVICE	CHANGE OF TRAY SETTINGS
	CHANGE OF REMAINING SHEET AMOUNT
	CHANGE OF RESIDUAL TONER AMOUNT
.....

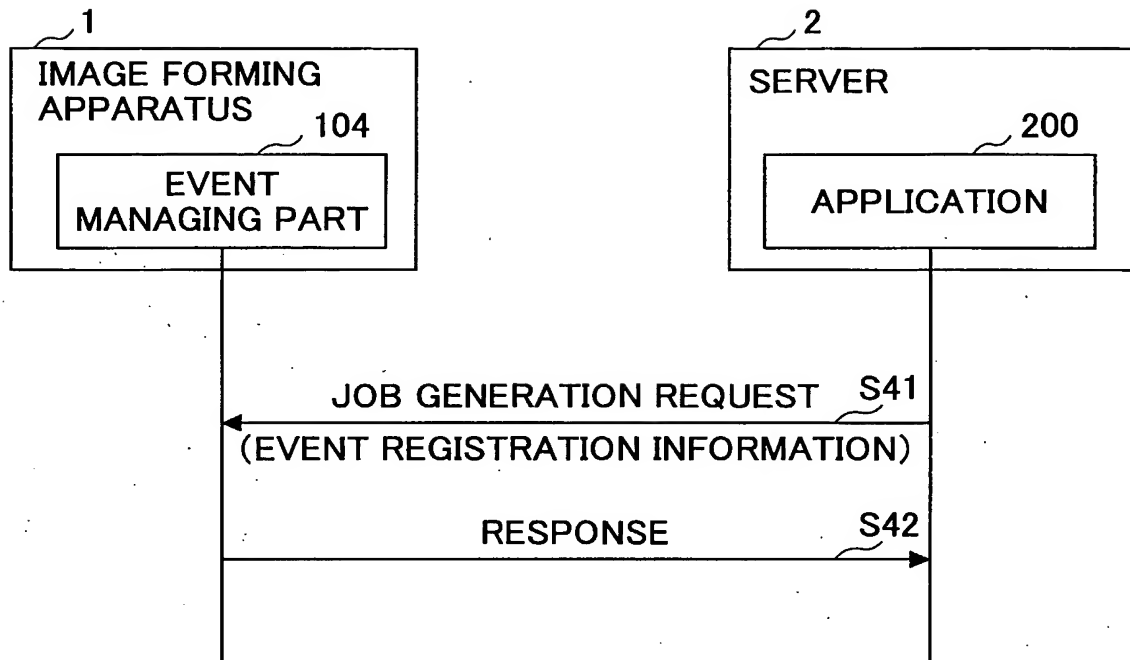
10/89

FIG.10



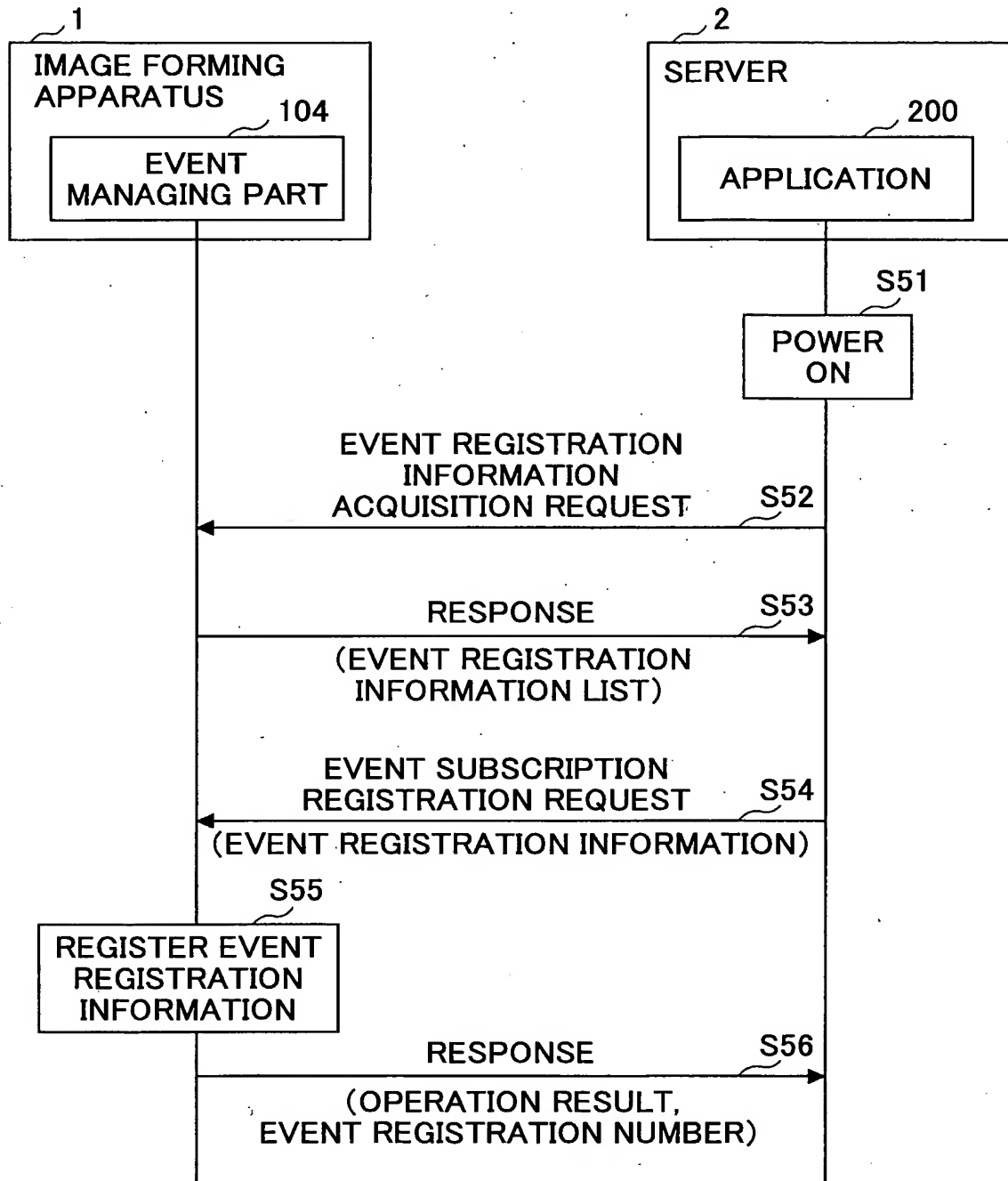
11/89

FIG.11



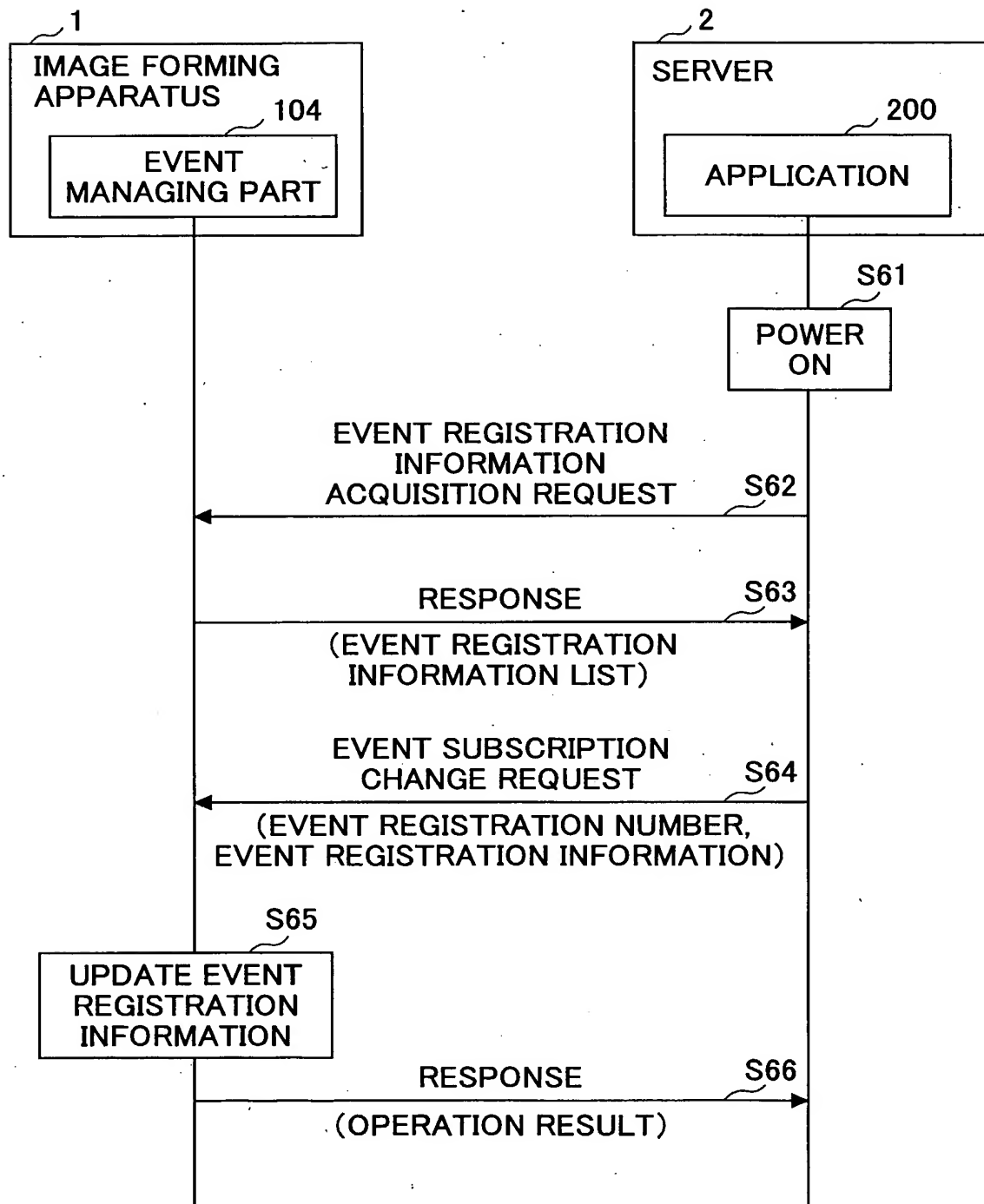
12/89

FIG.12



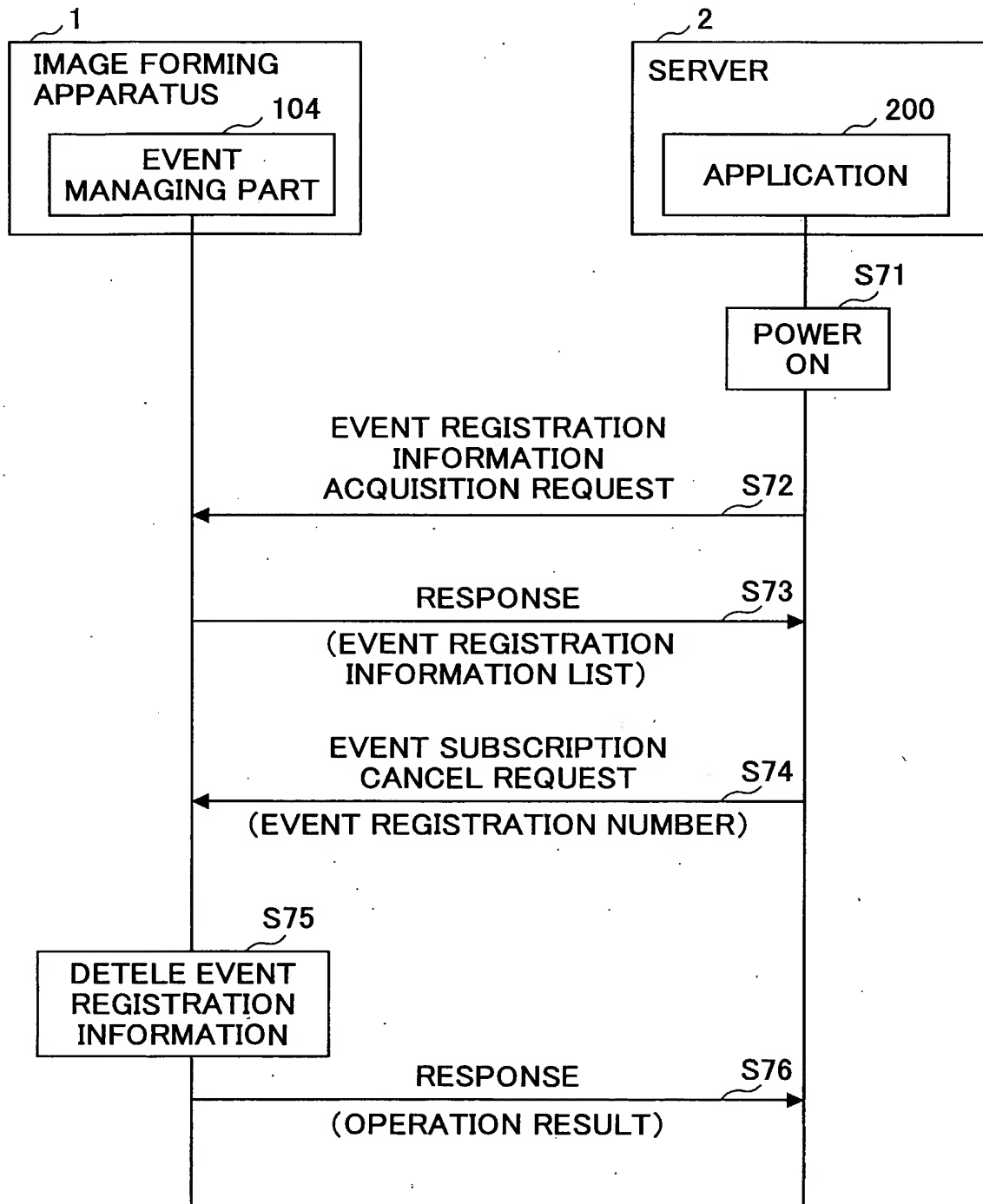
13/89

FIG.13



14/89

FIG.14



15/89

FIG.15

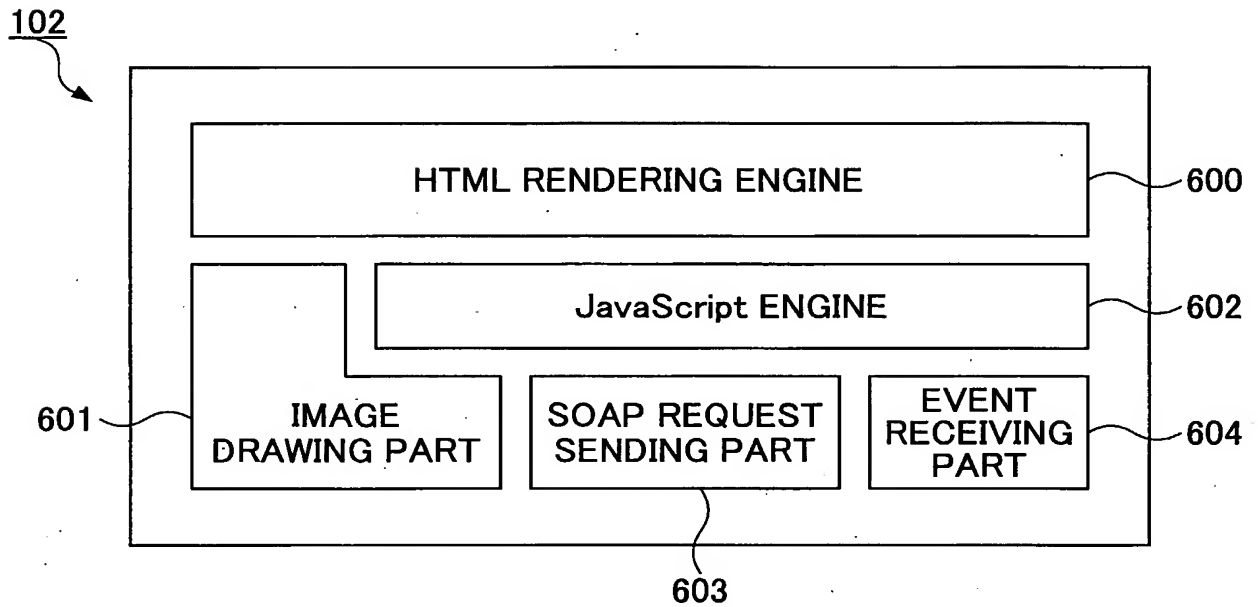
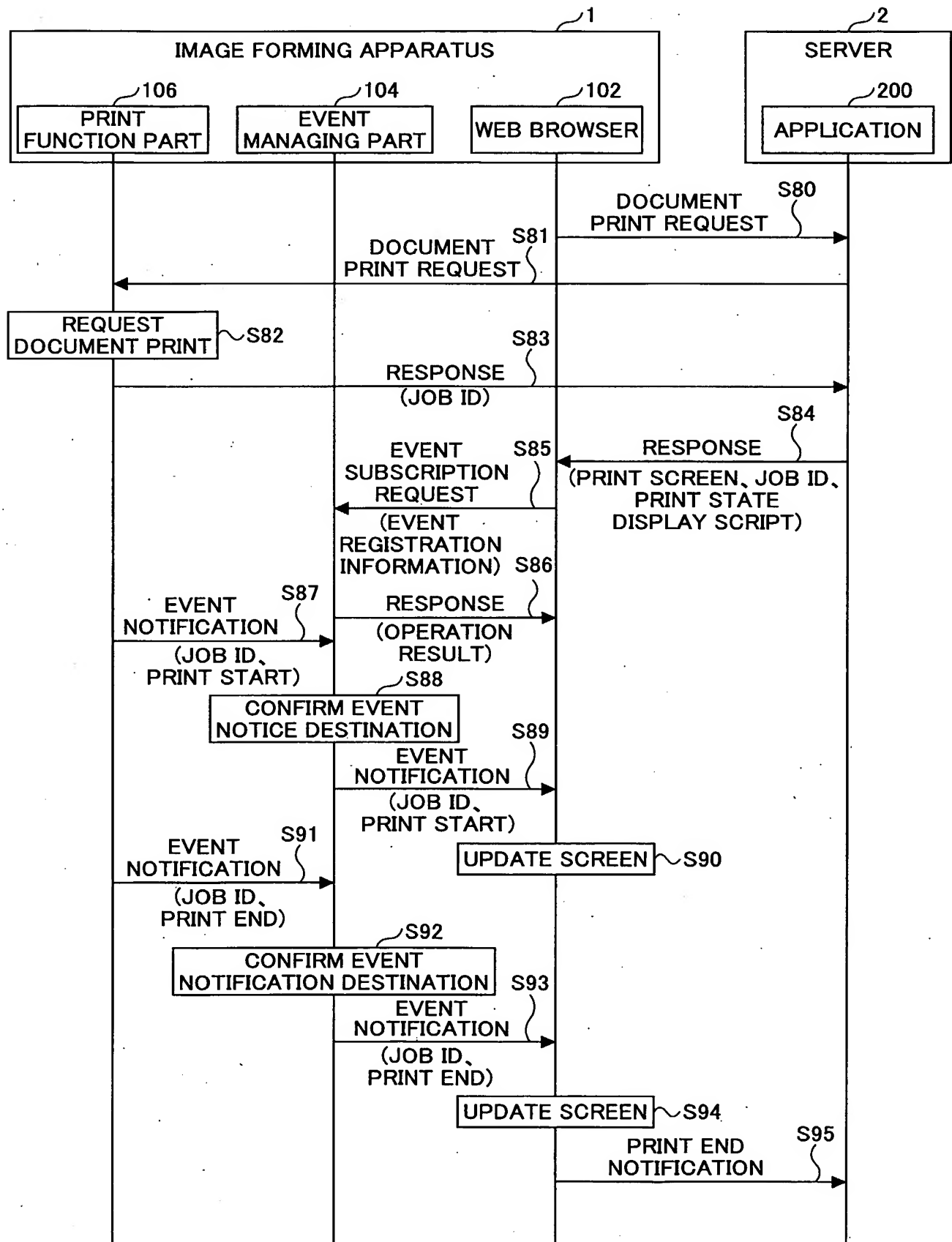
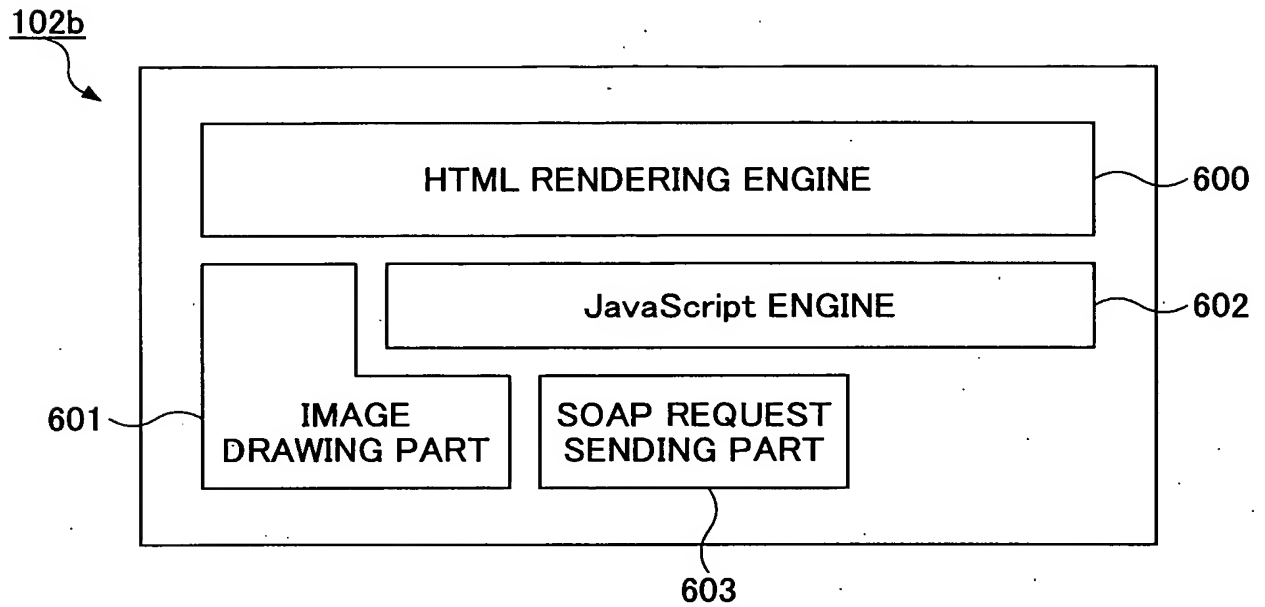


FIG.16



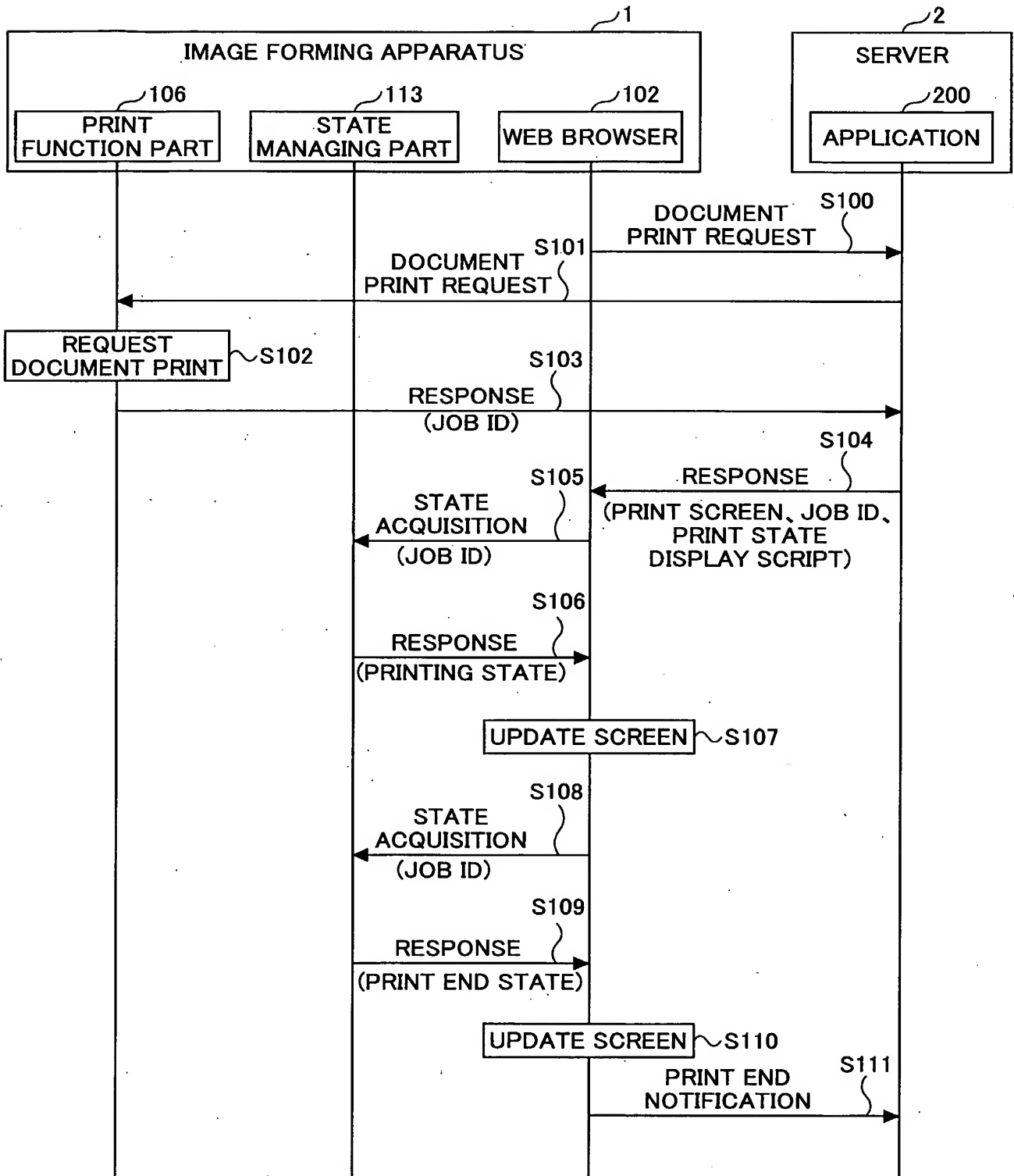
17/89

FIG.17



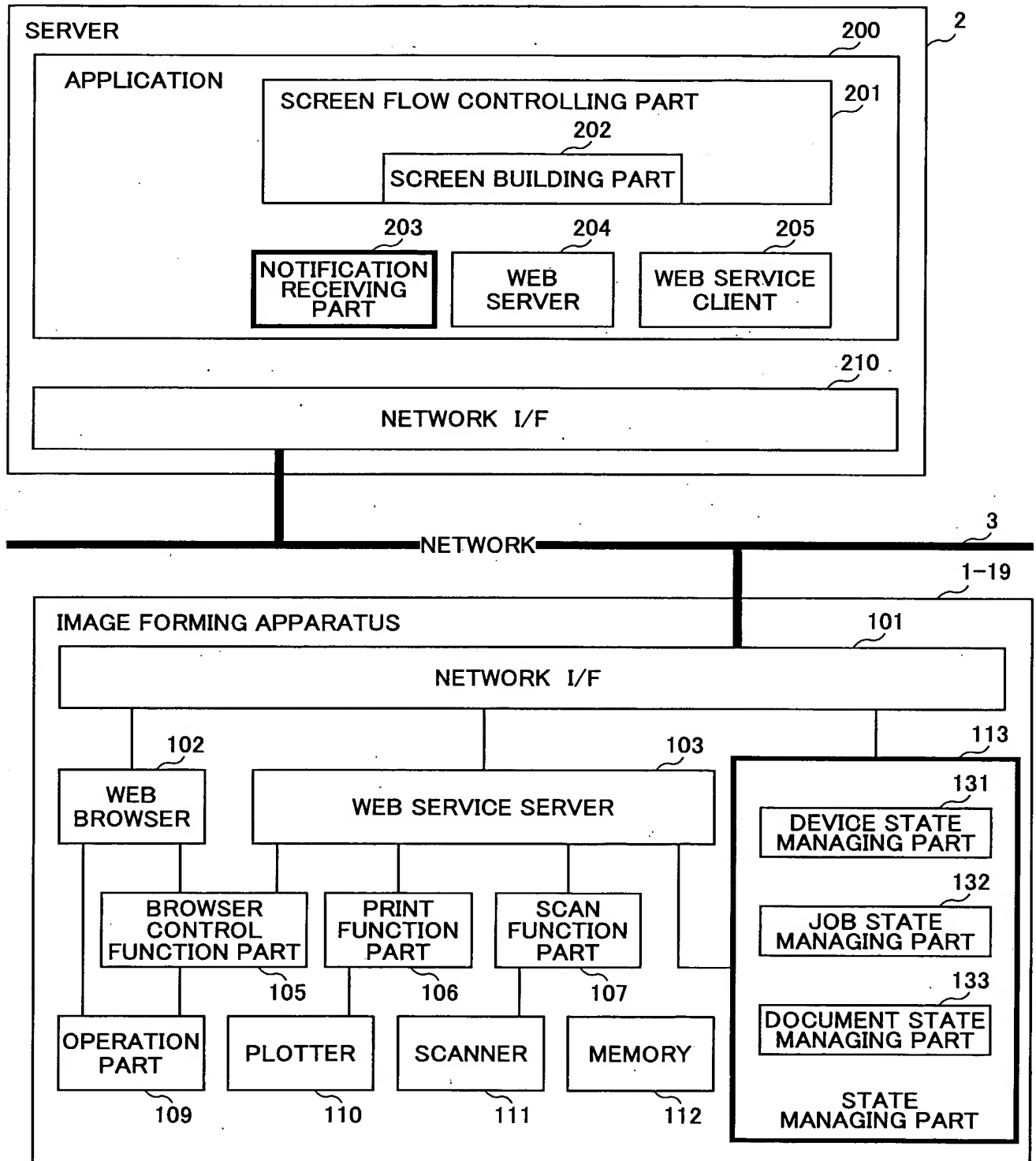
18/89

FIG.18



19/89

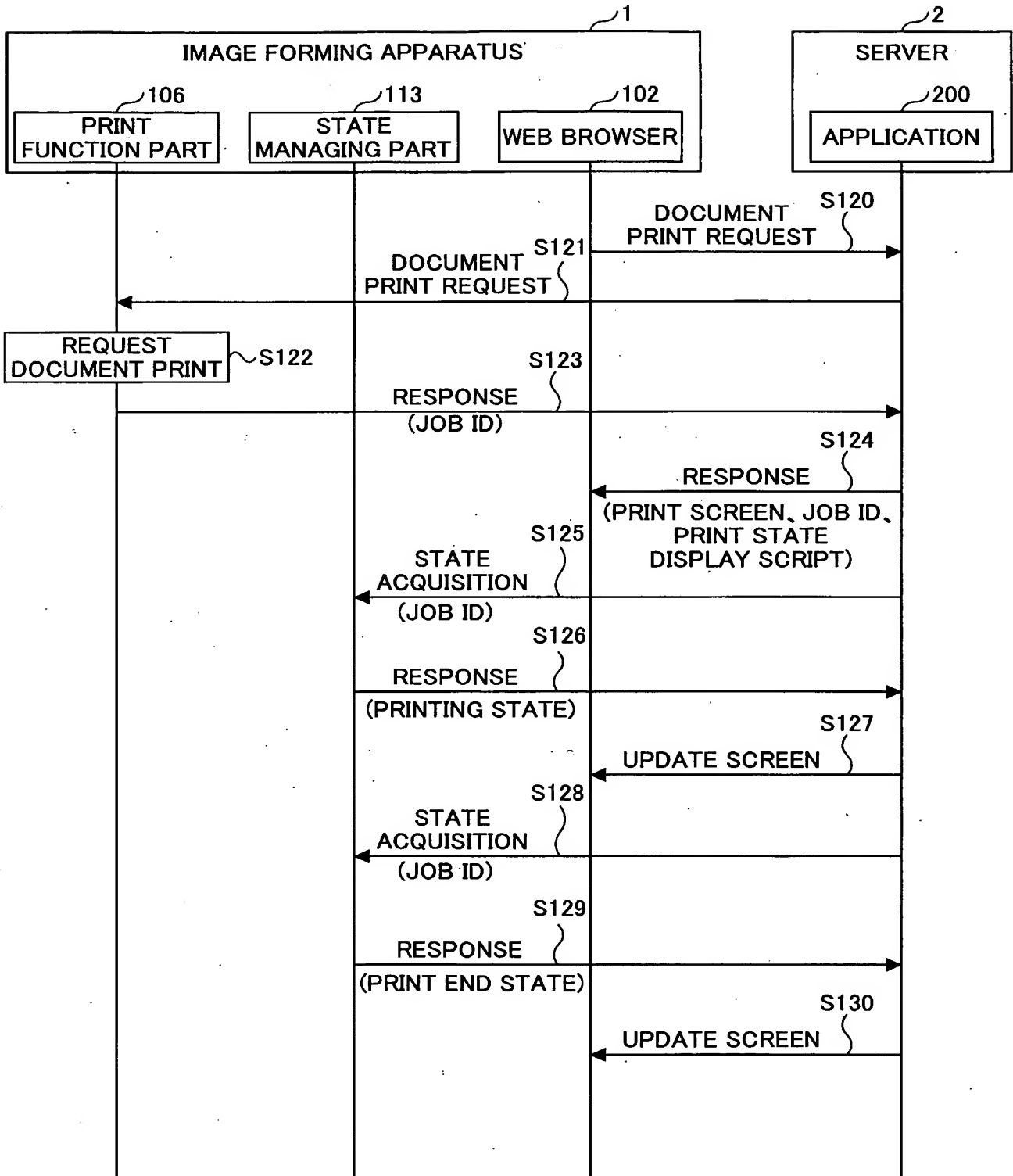
FIG.19



9004 SYSTEM.

20/89

FIG.20



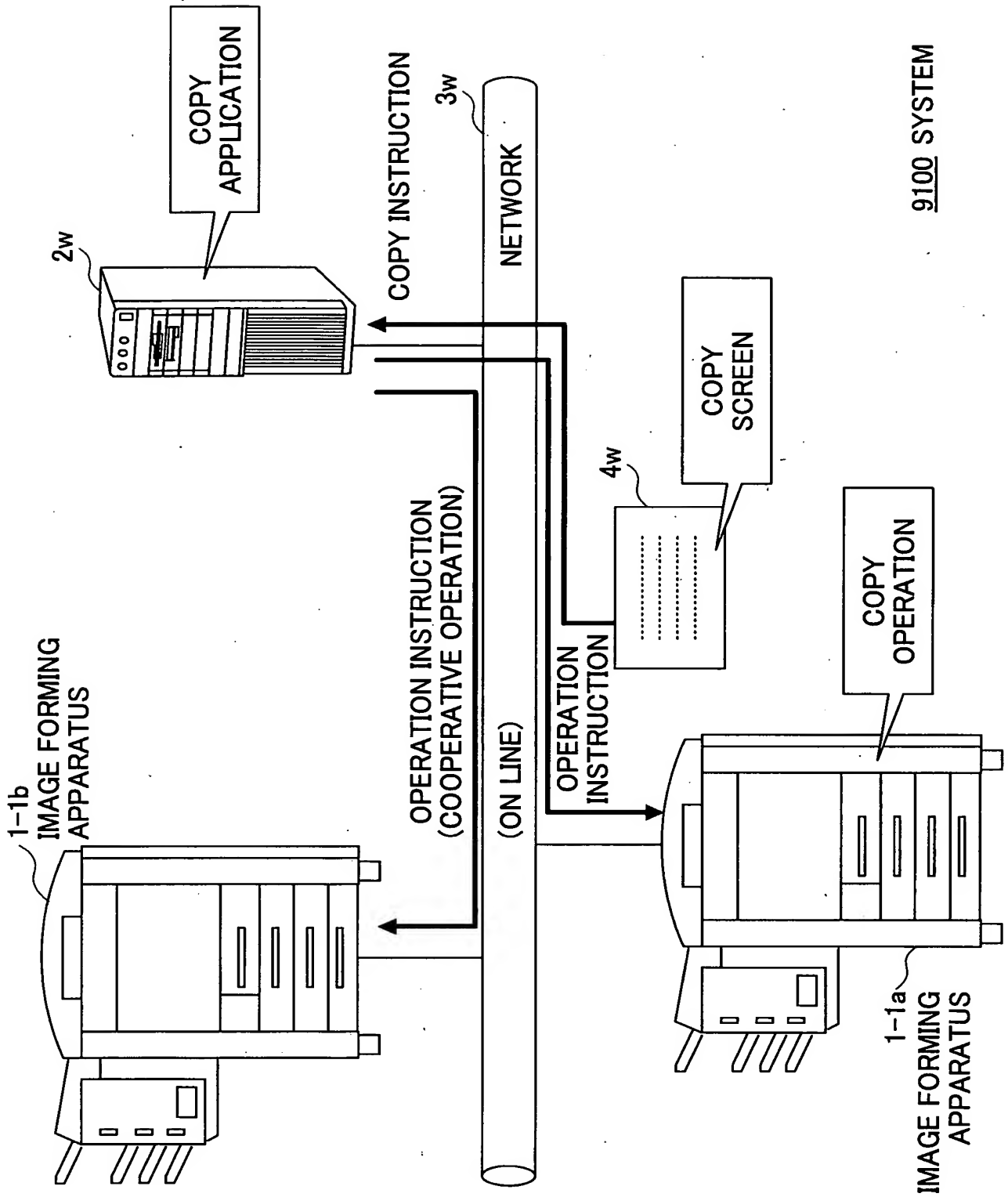


FIG. 21

22/89

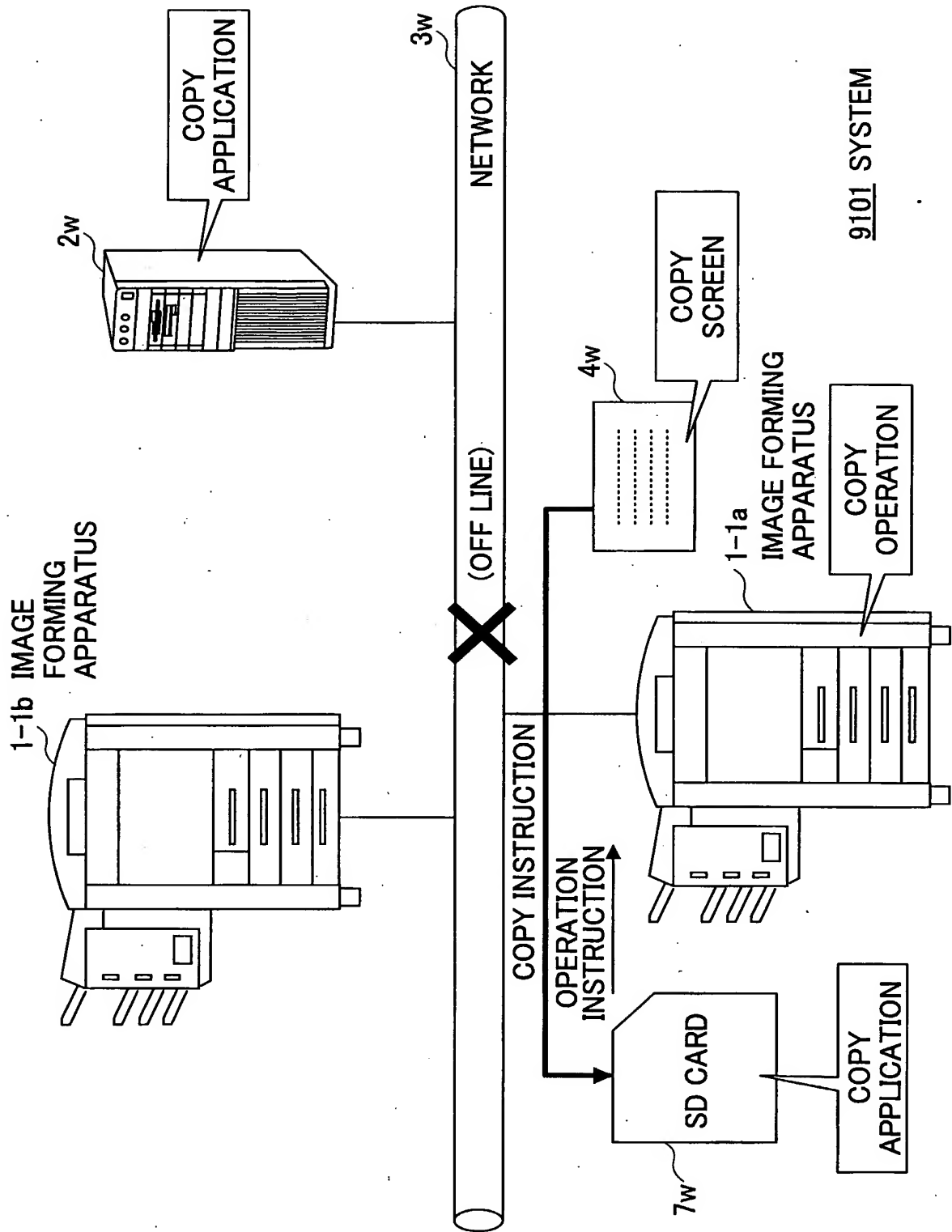
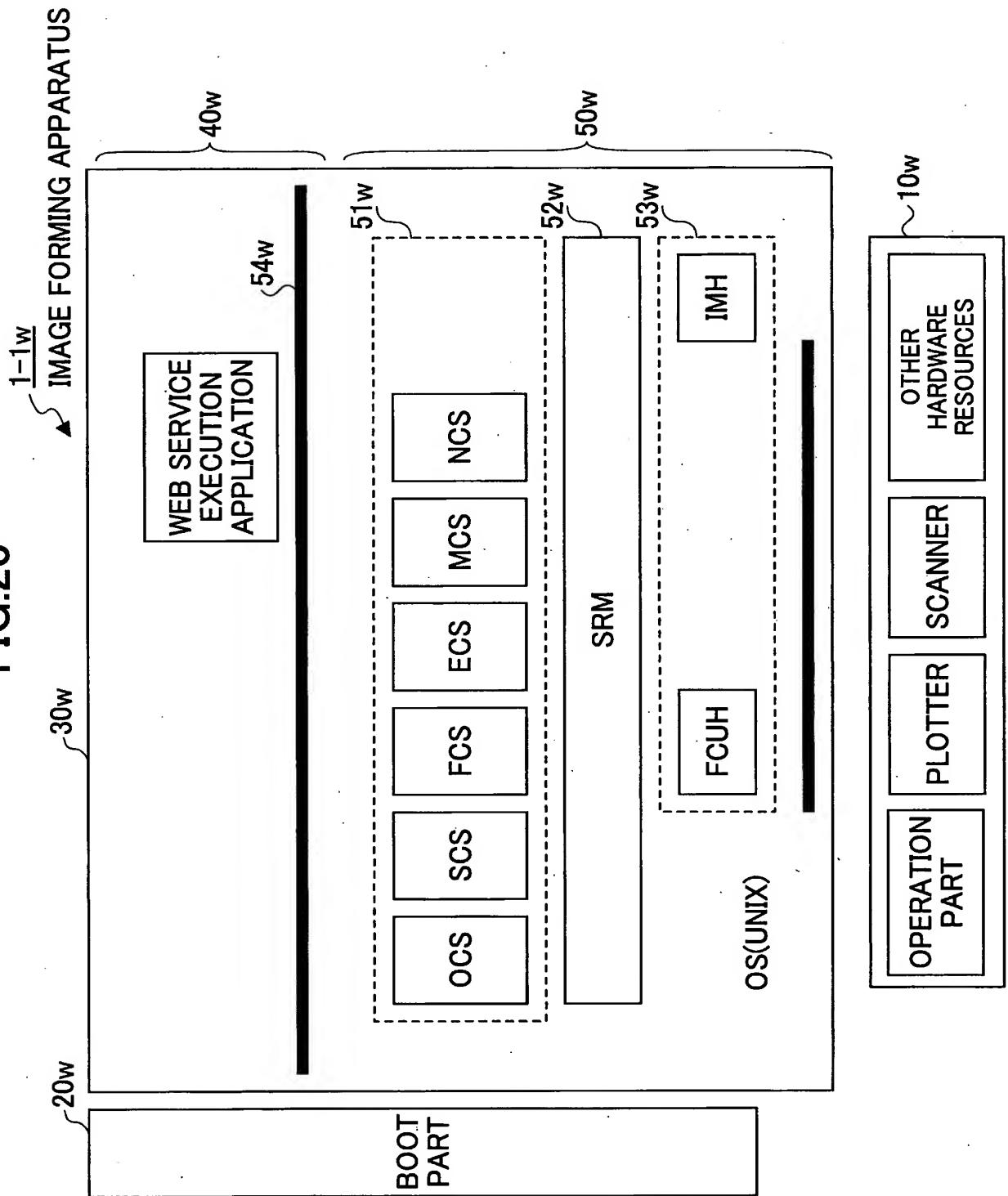


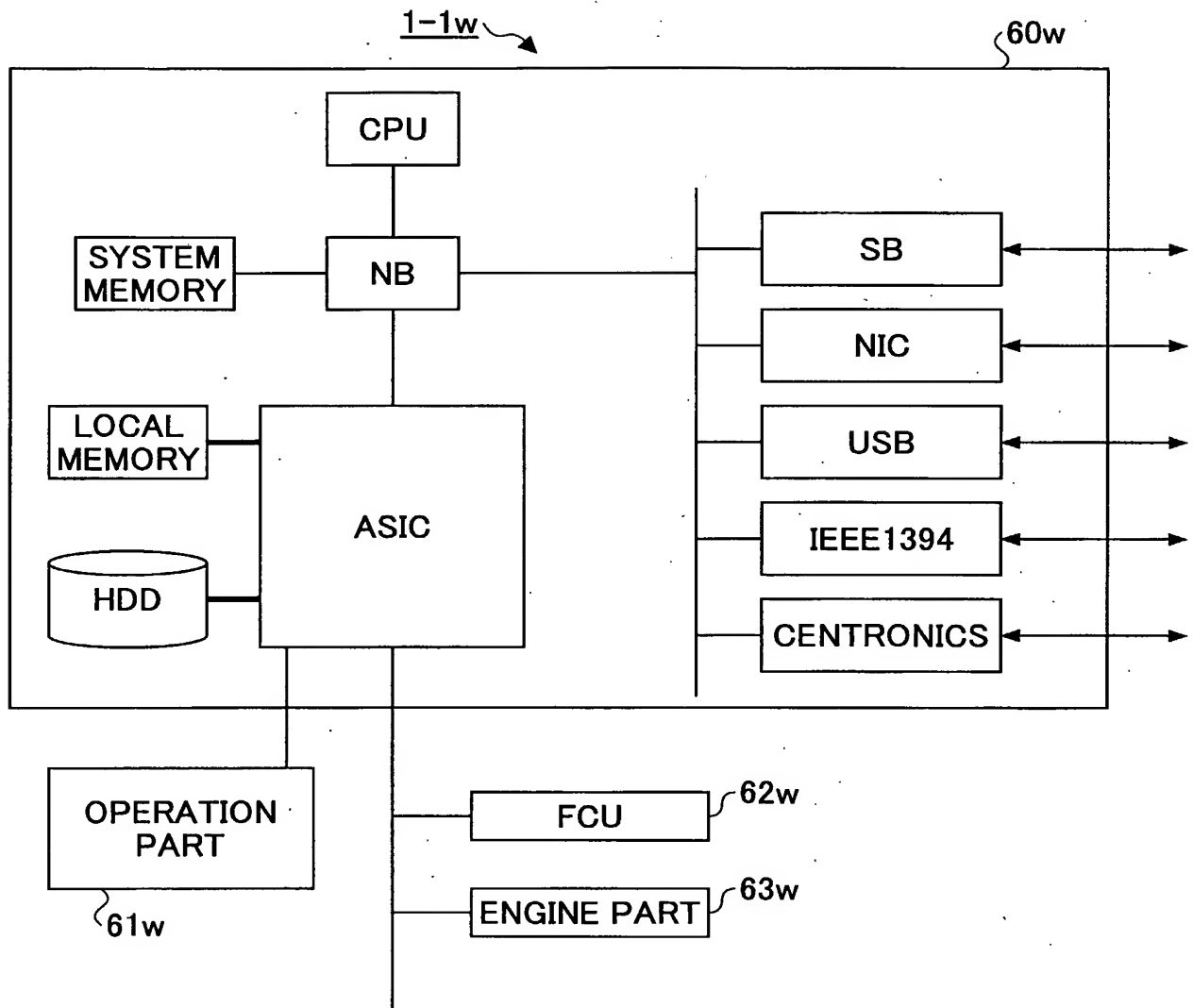
FIG.23



24/89

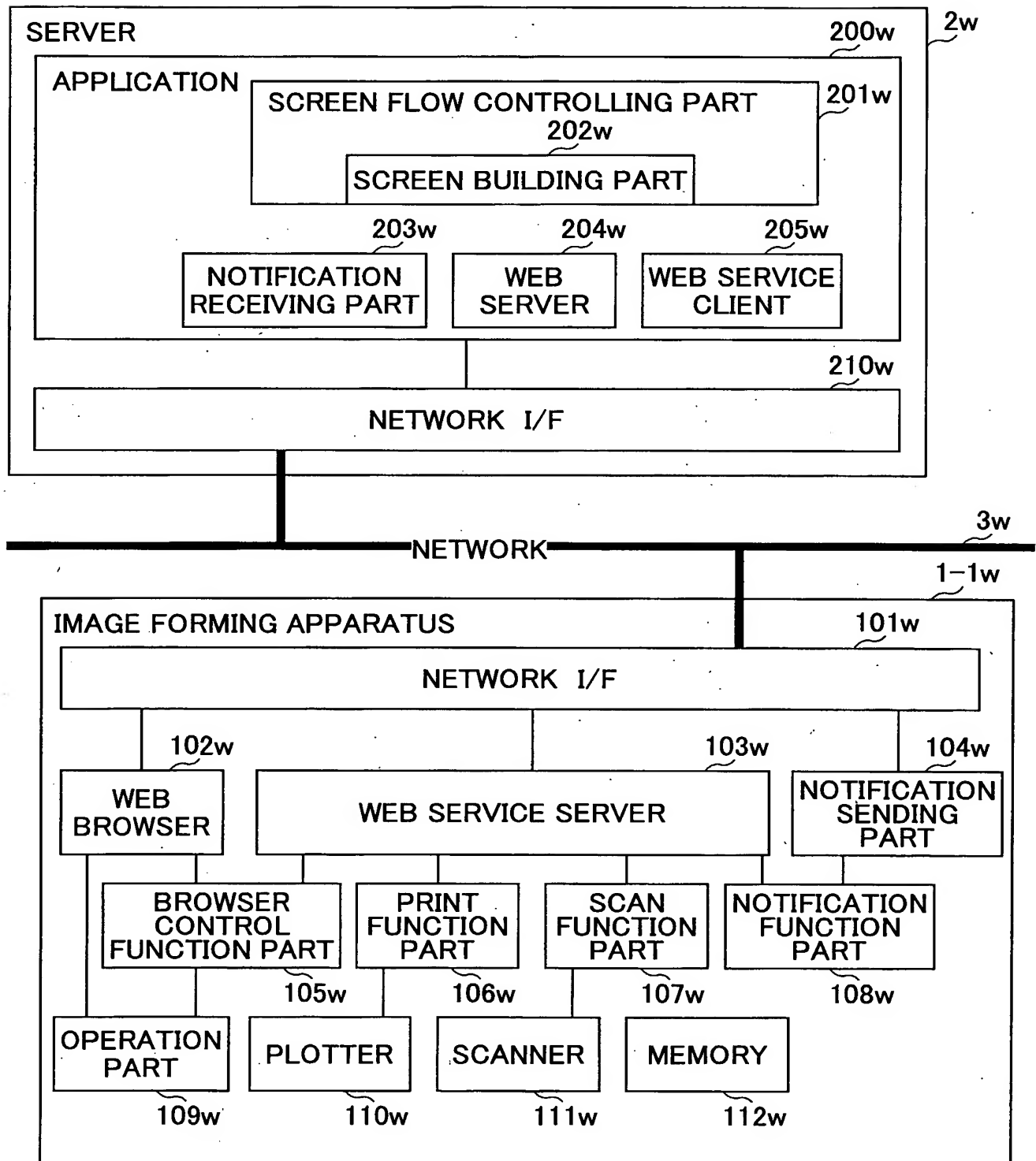
FIG.24

IMAGE FORMING APPARATUS



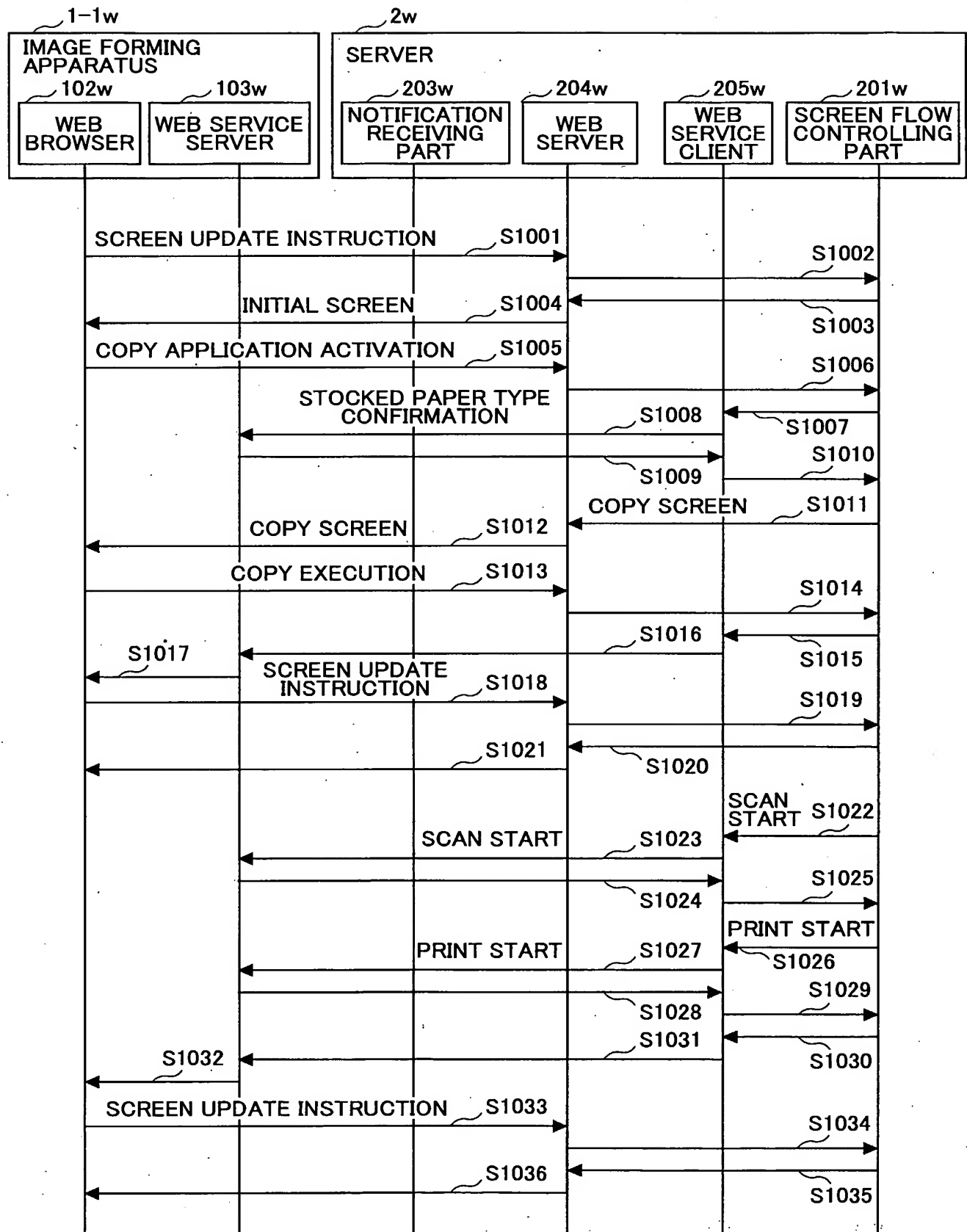
25/89

FIG.25



9102 SYSTEM

FIG.26



27/89

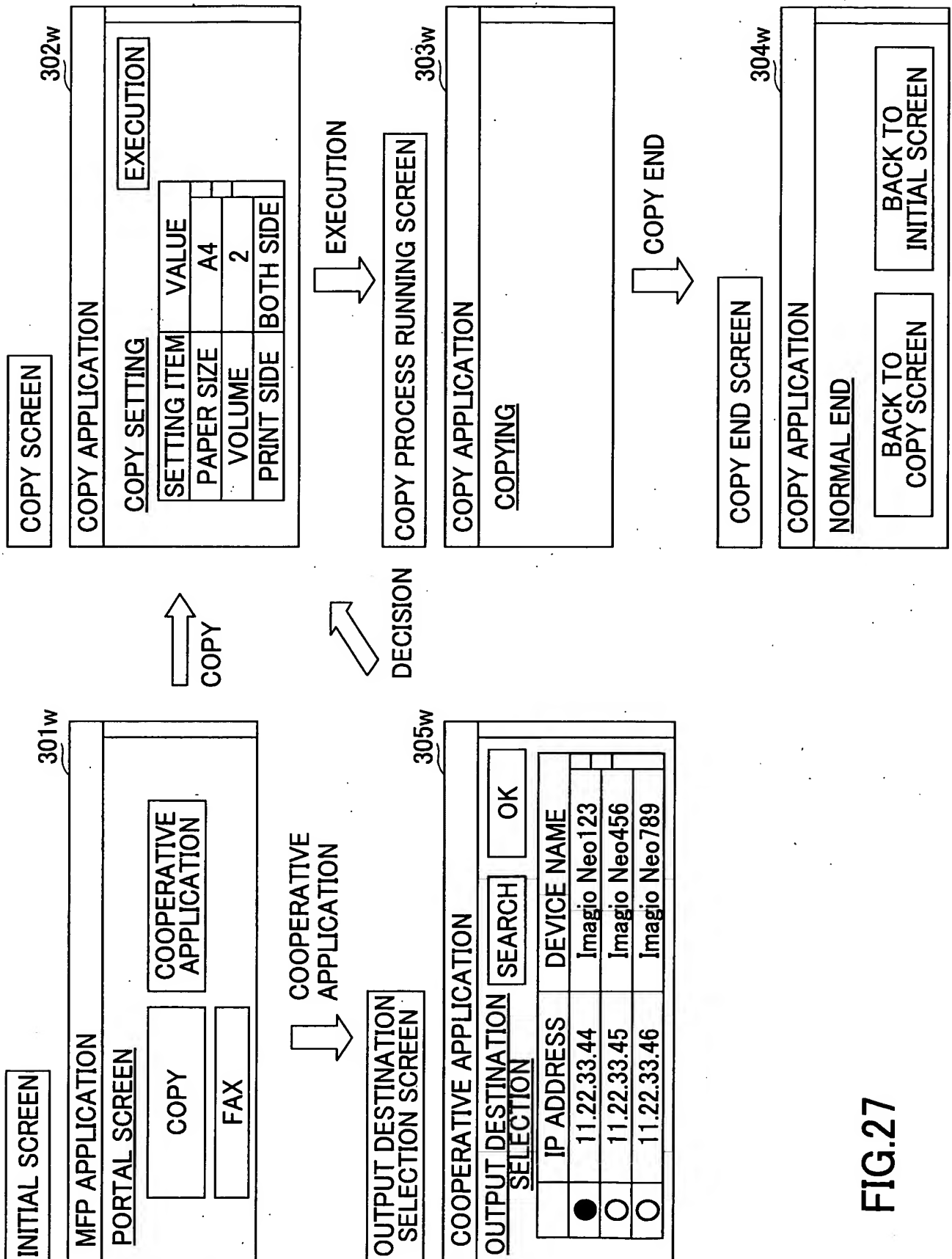
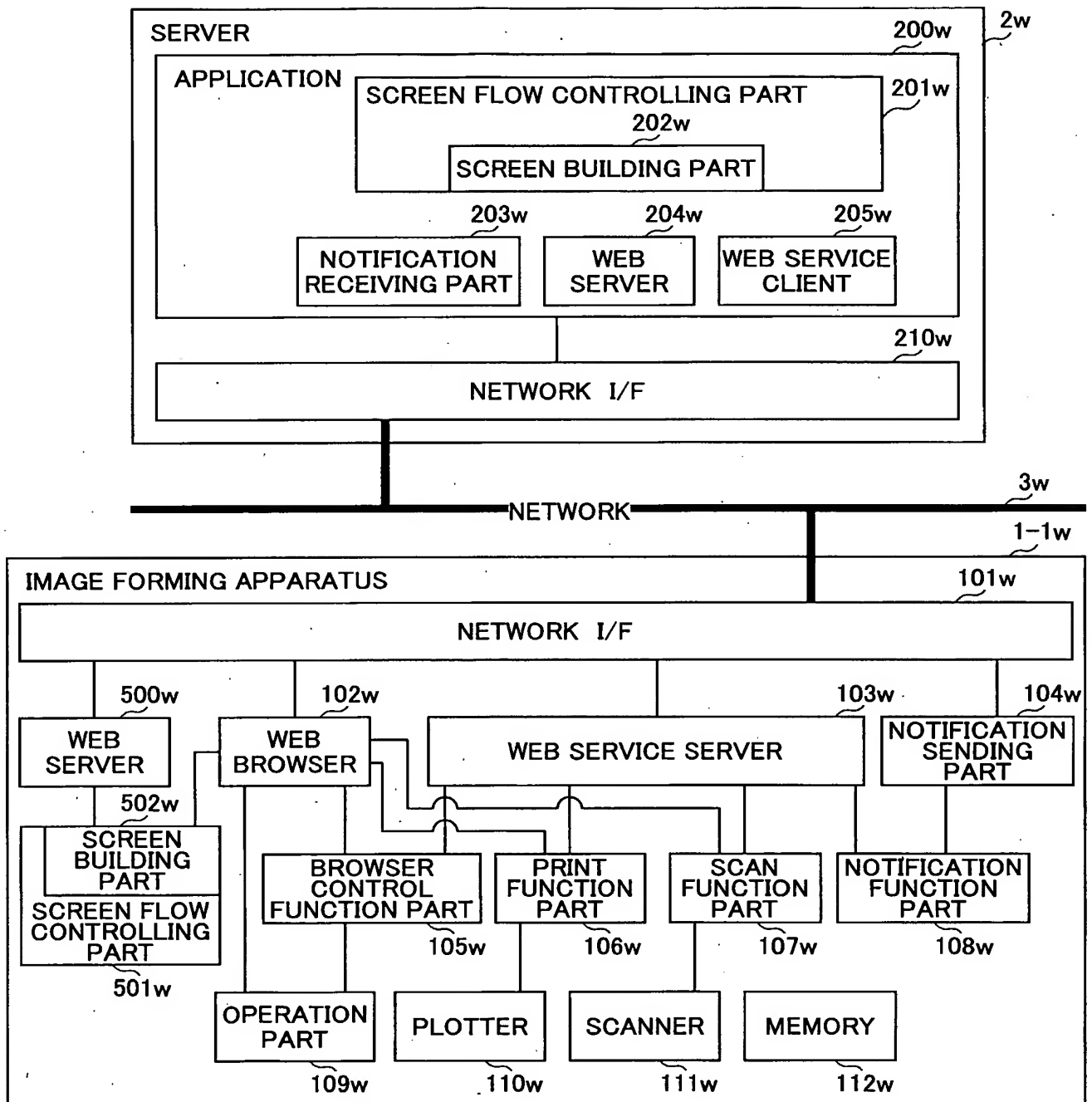


FIG.27

28/89

FIG.28



9103 SYSTEM

29/89

FIG.29

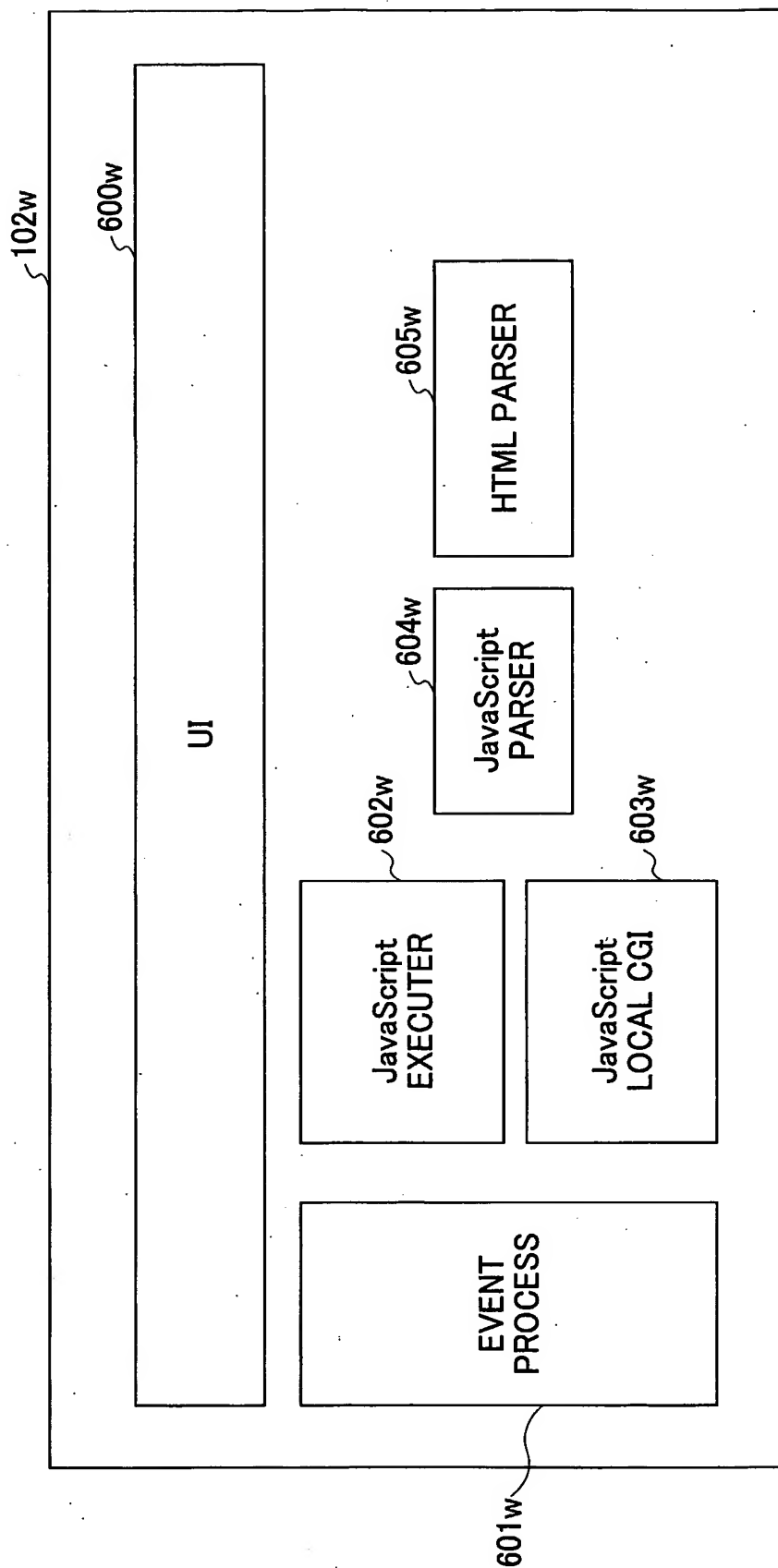
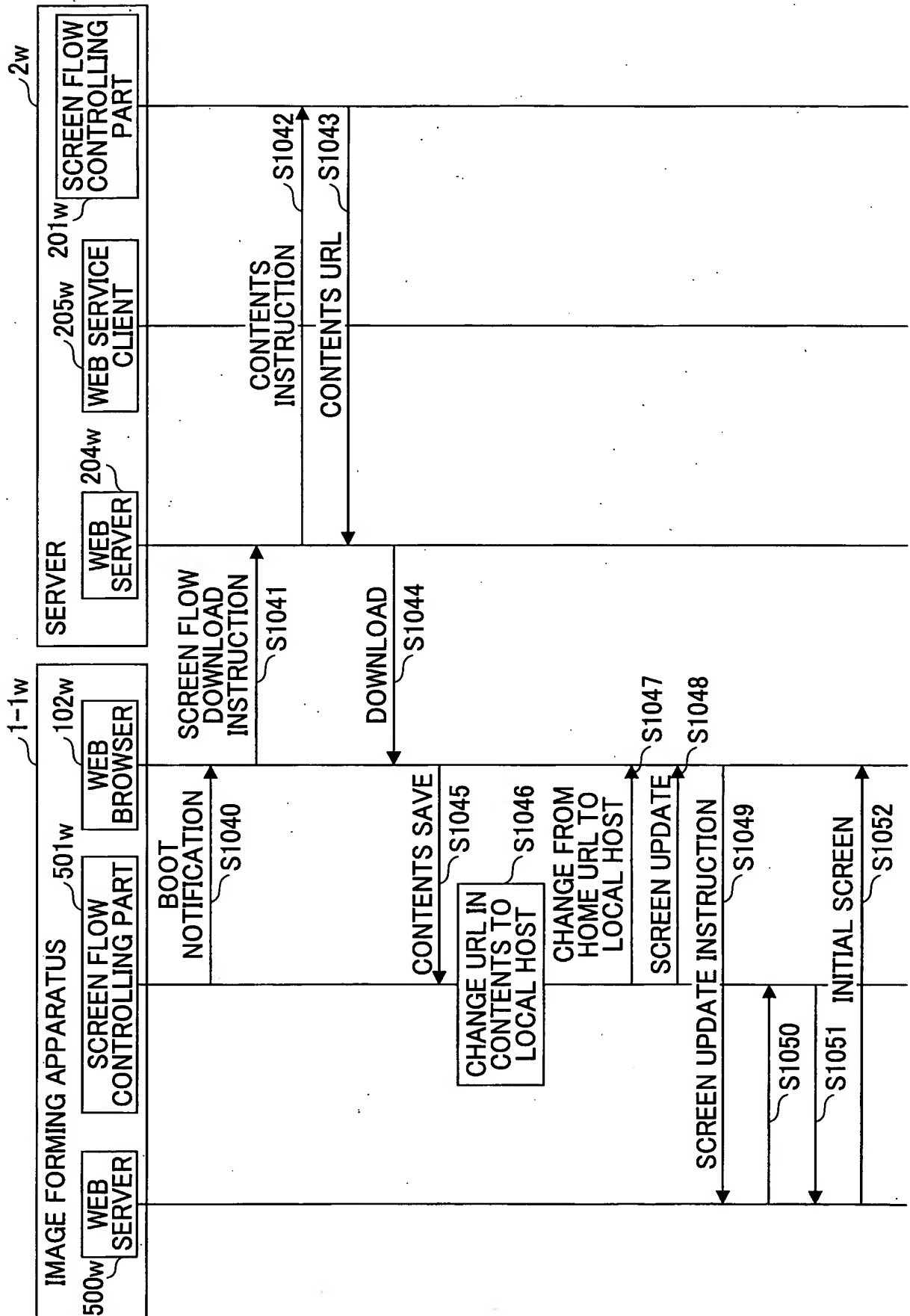
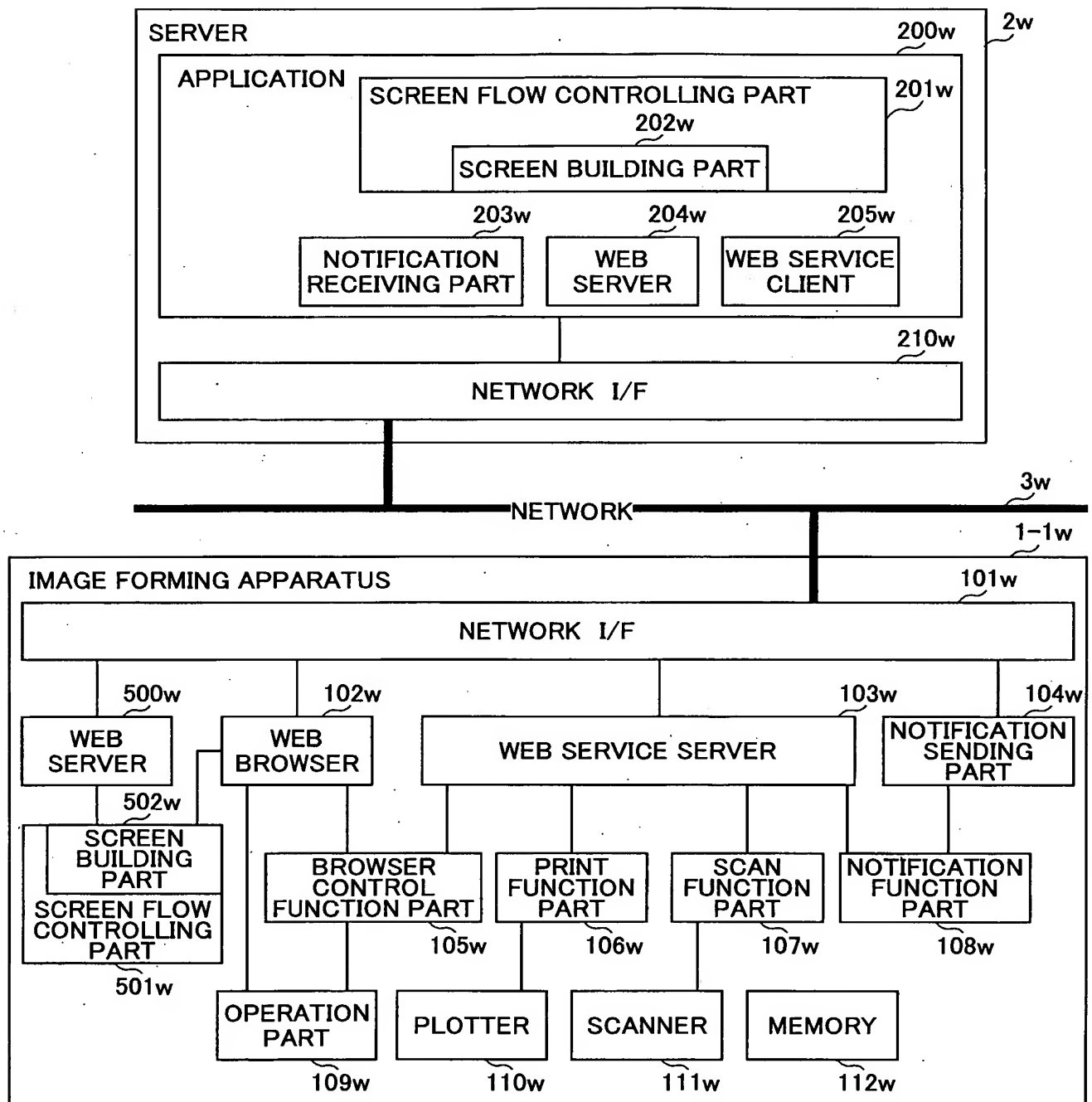


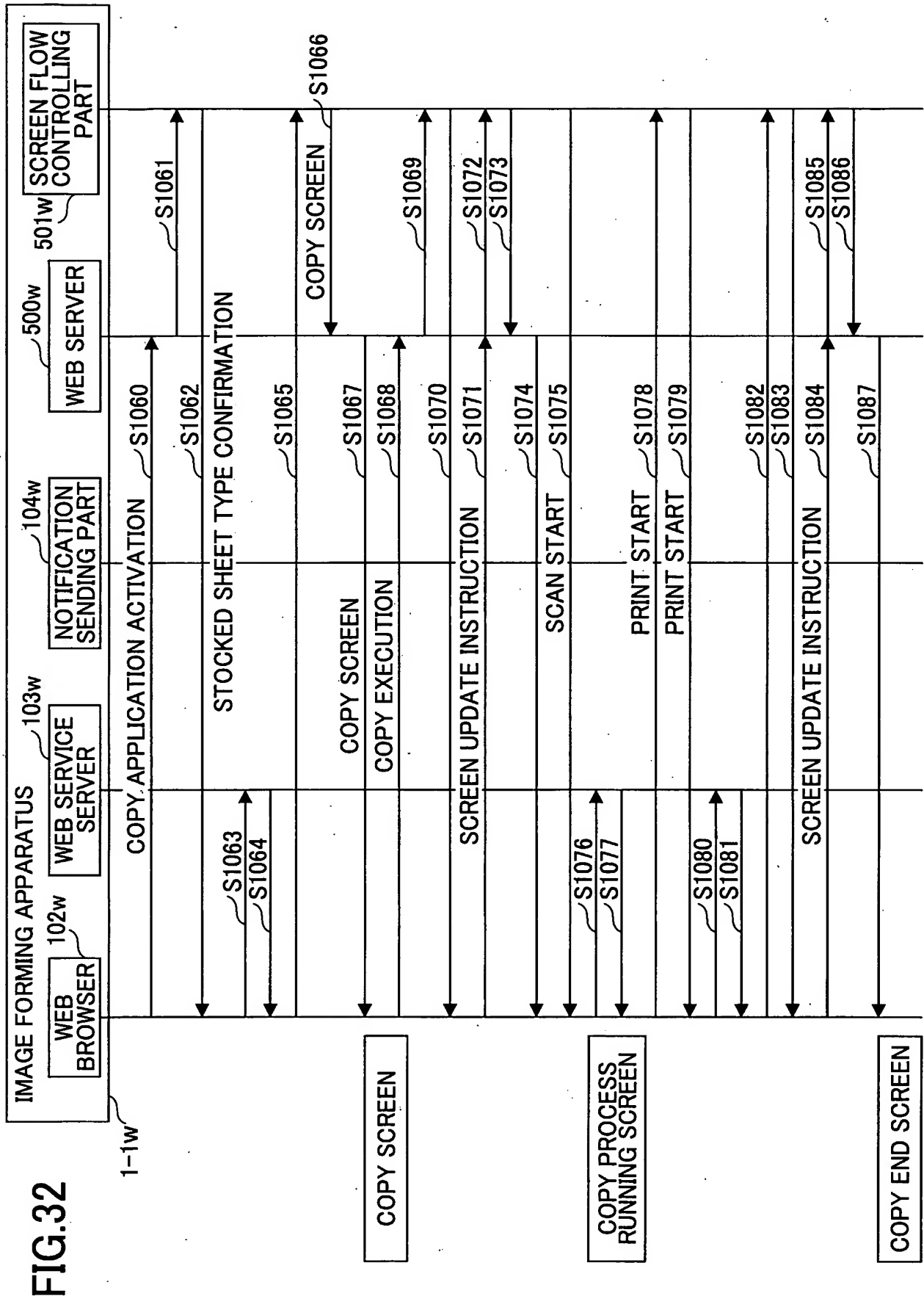
FIG.30



31/89

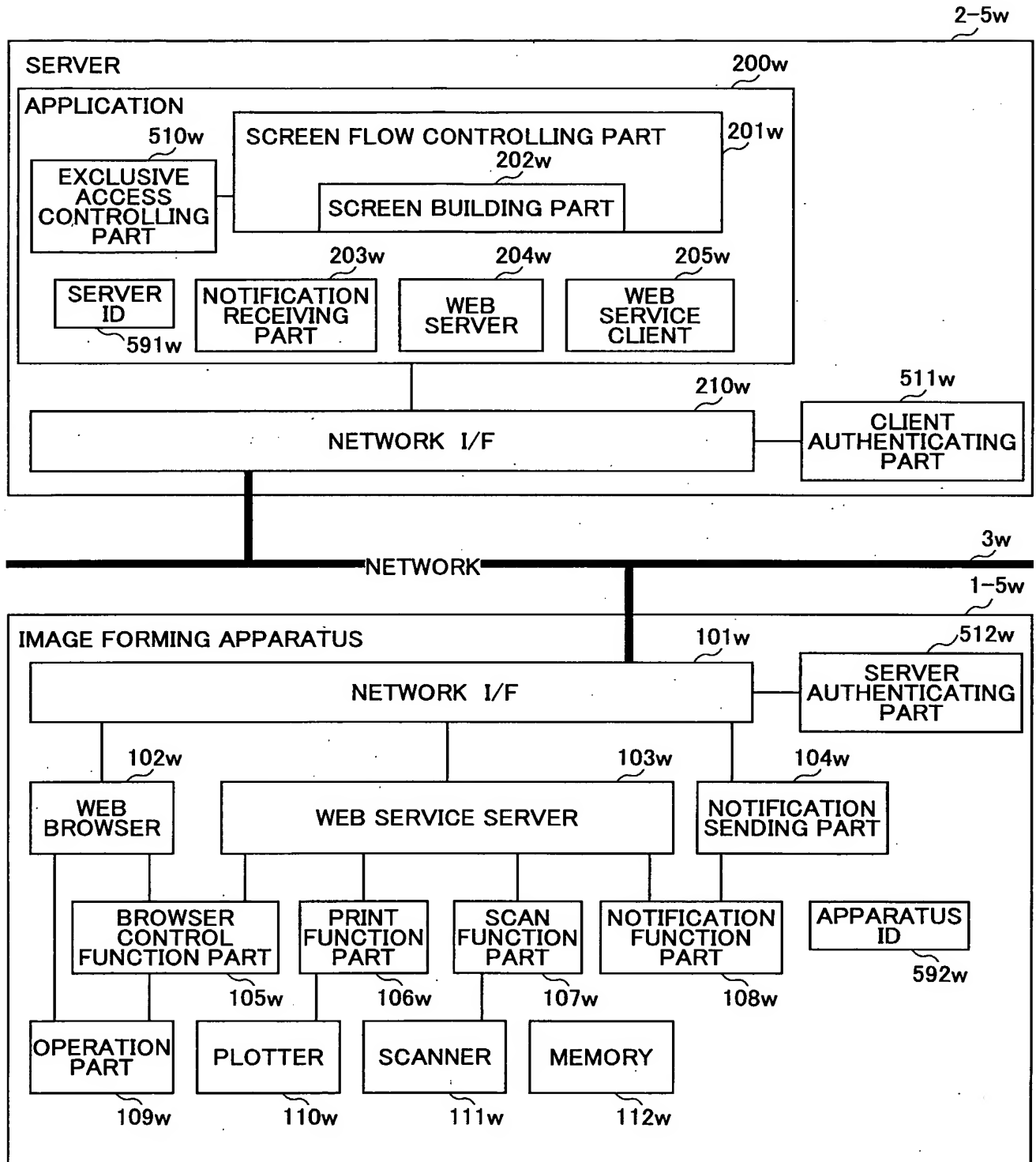
FIG.31

9104 SYSTEM



33/89

FIG.33



9105 SYSTEM

FIG.34

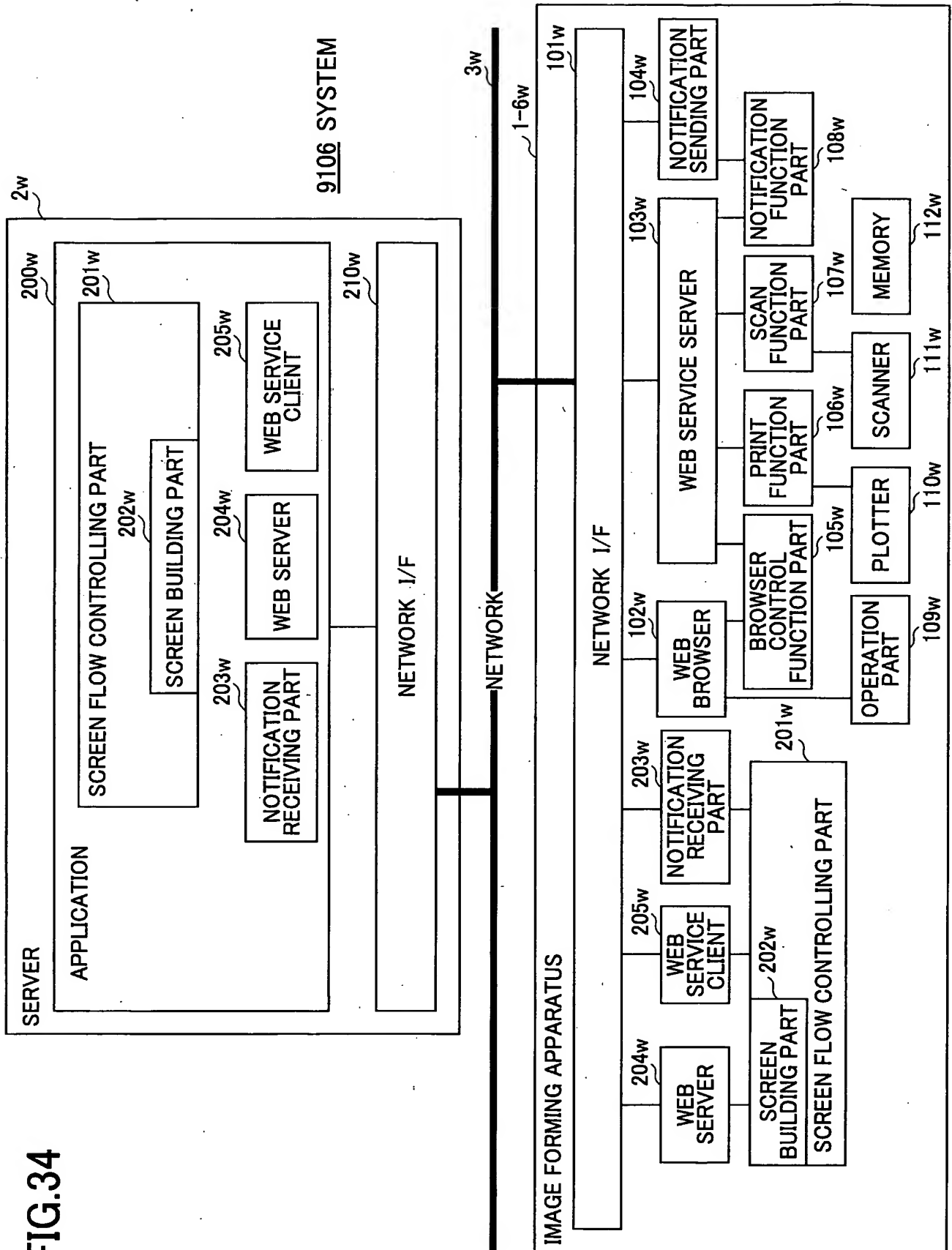
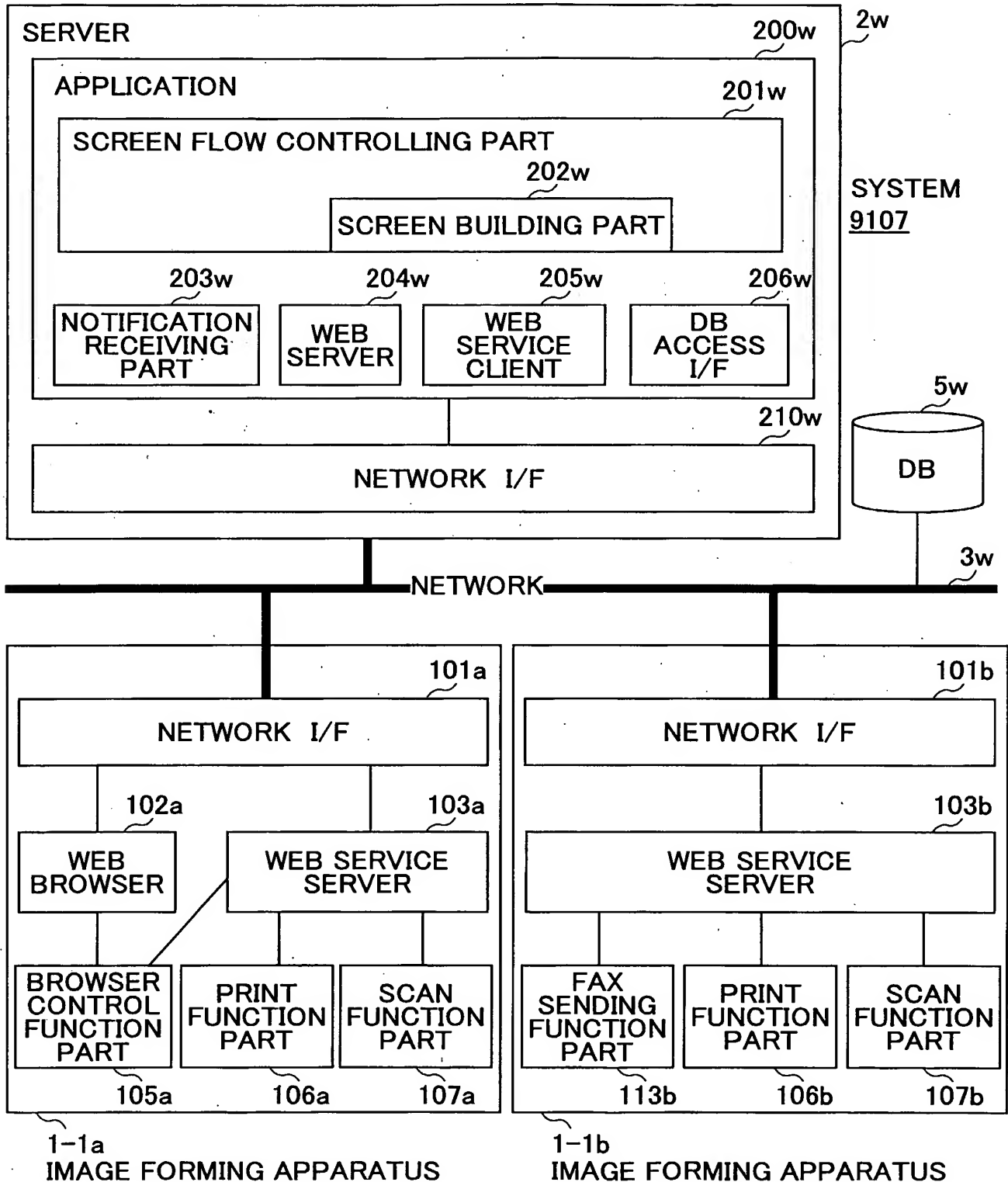


FIG.35



36/89

FIG.36

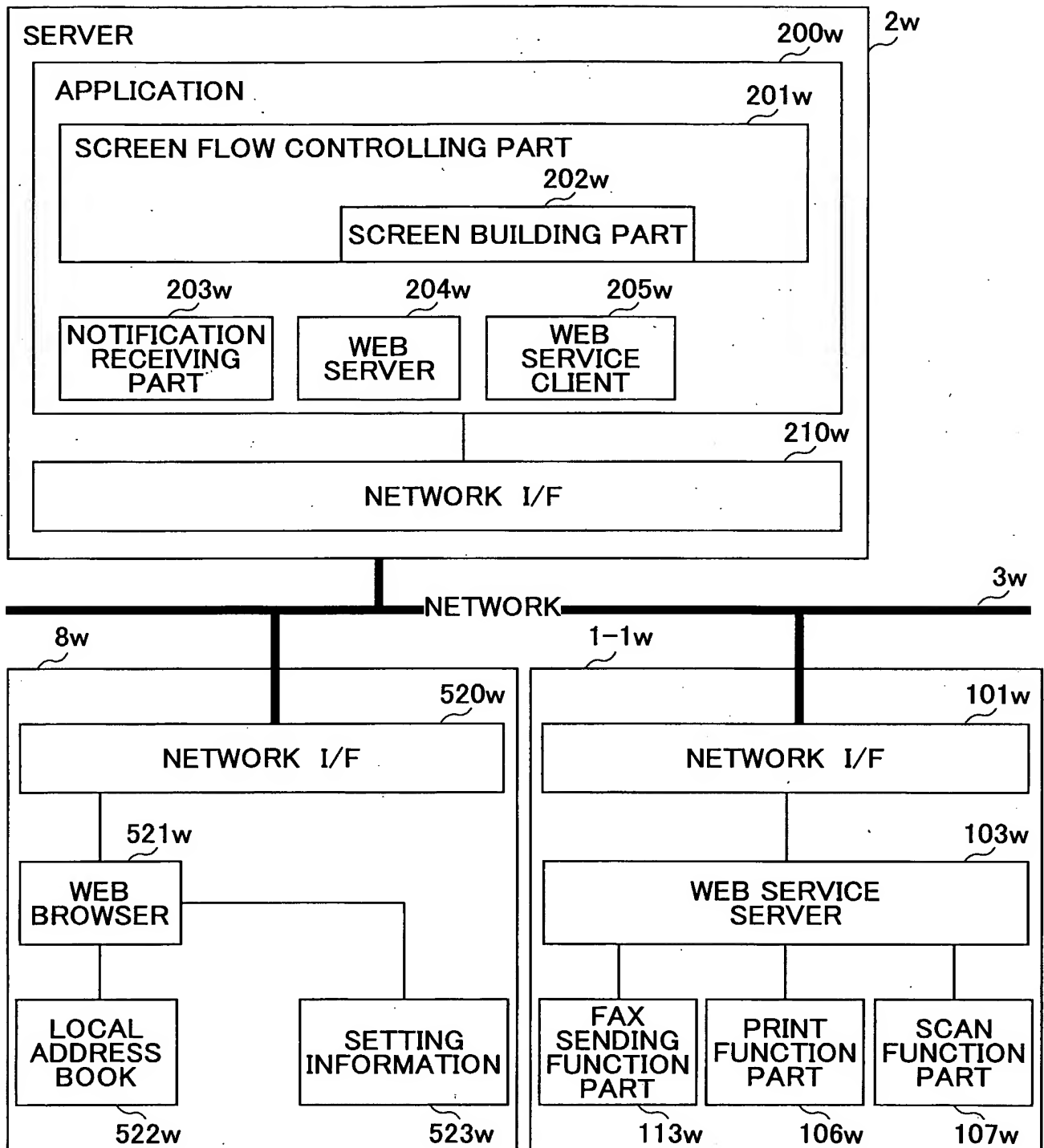
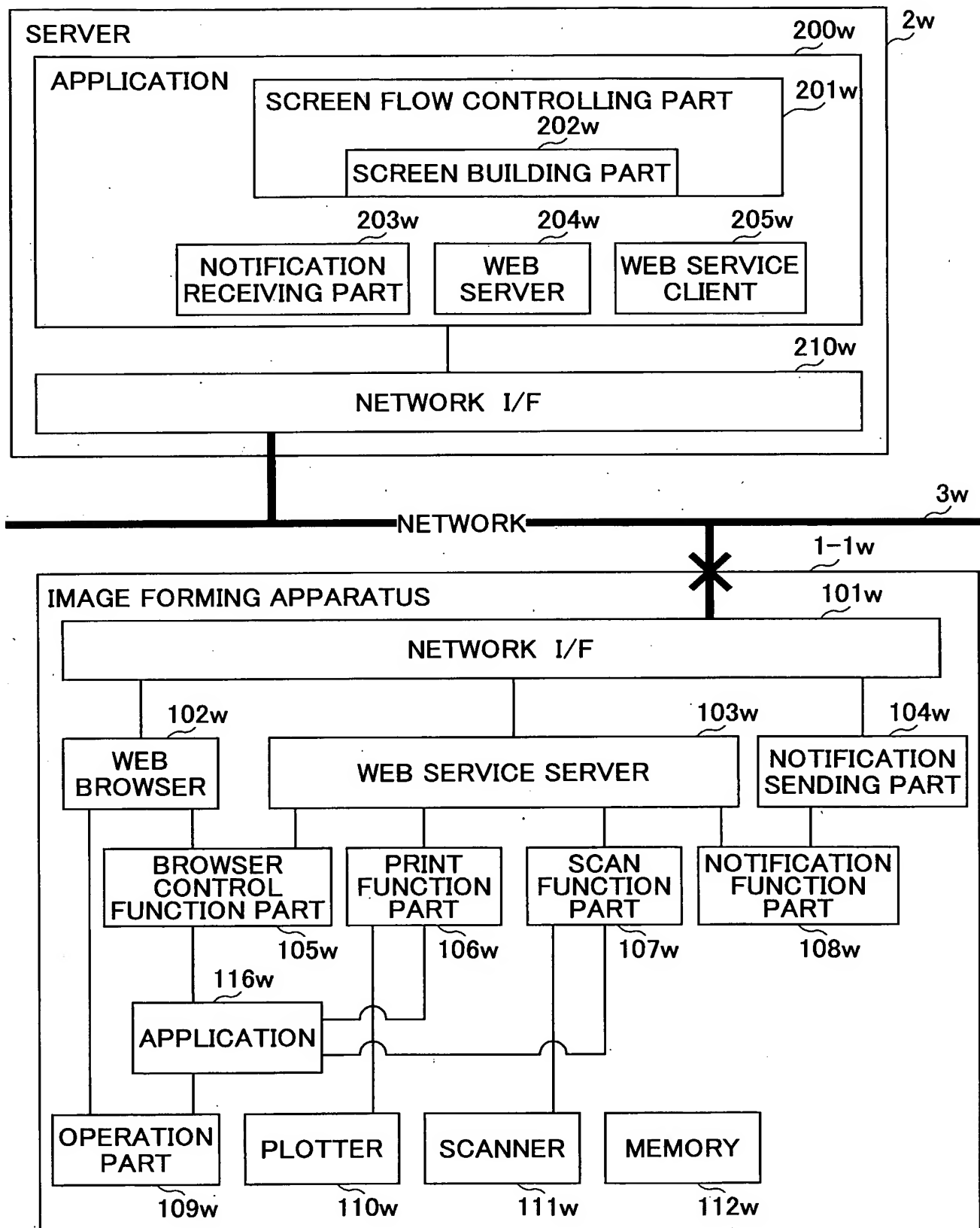
9108 SYSTEM

FIG.37



38/89

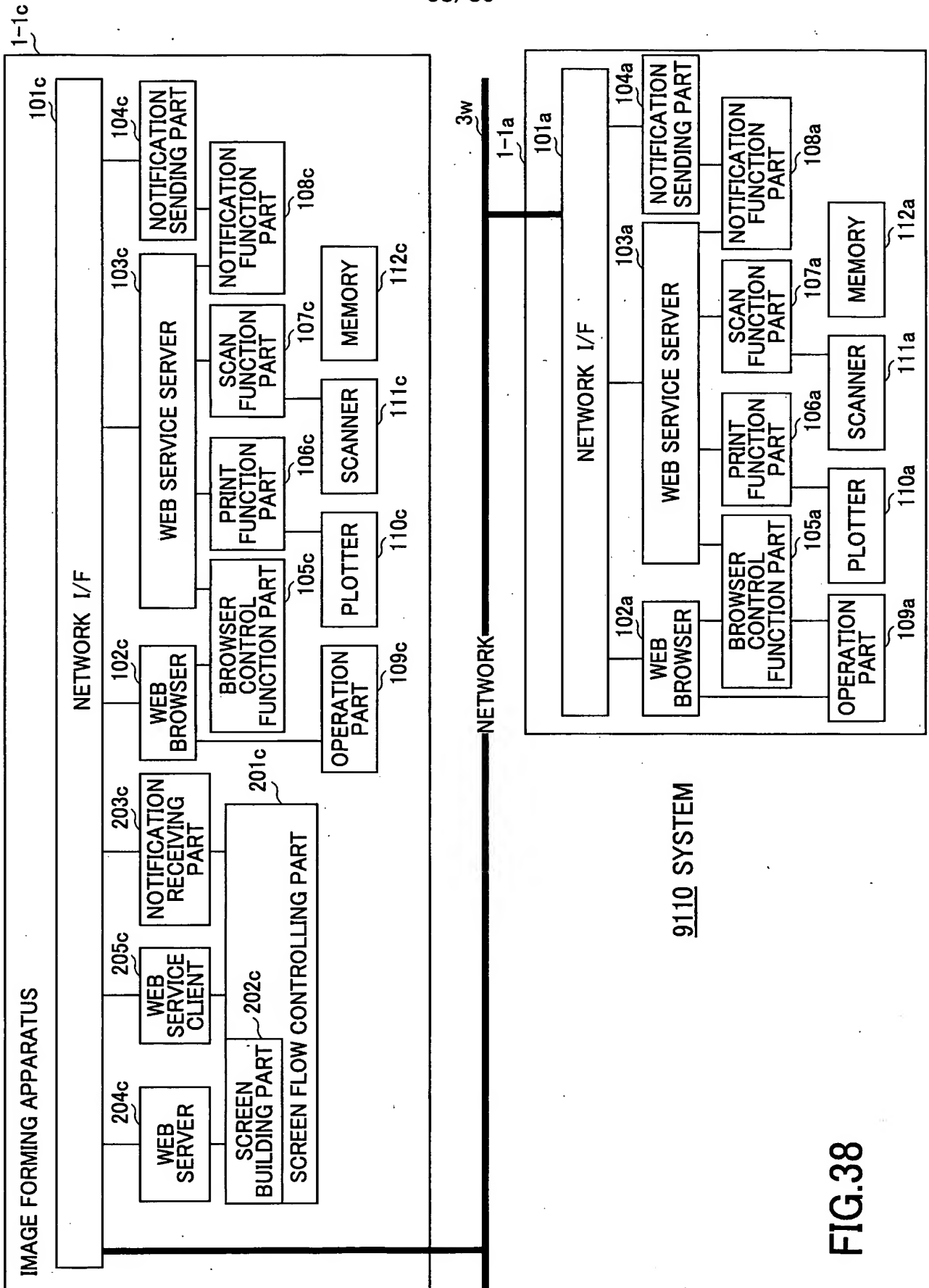


FIG.38

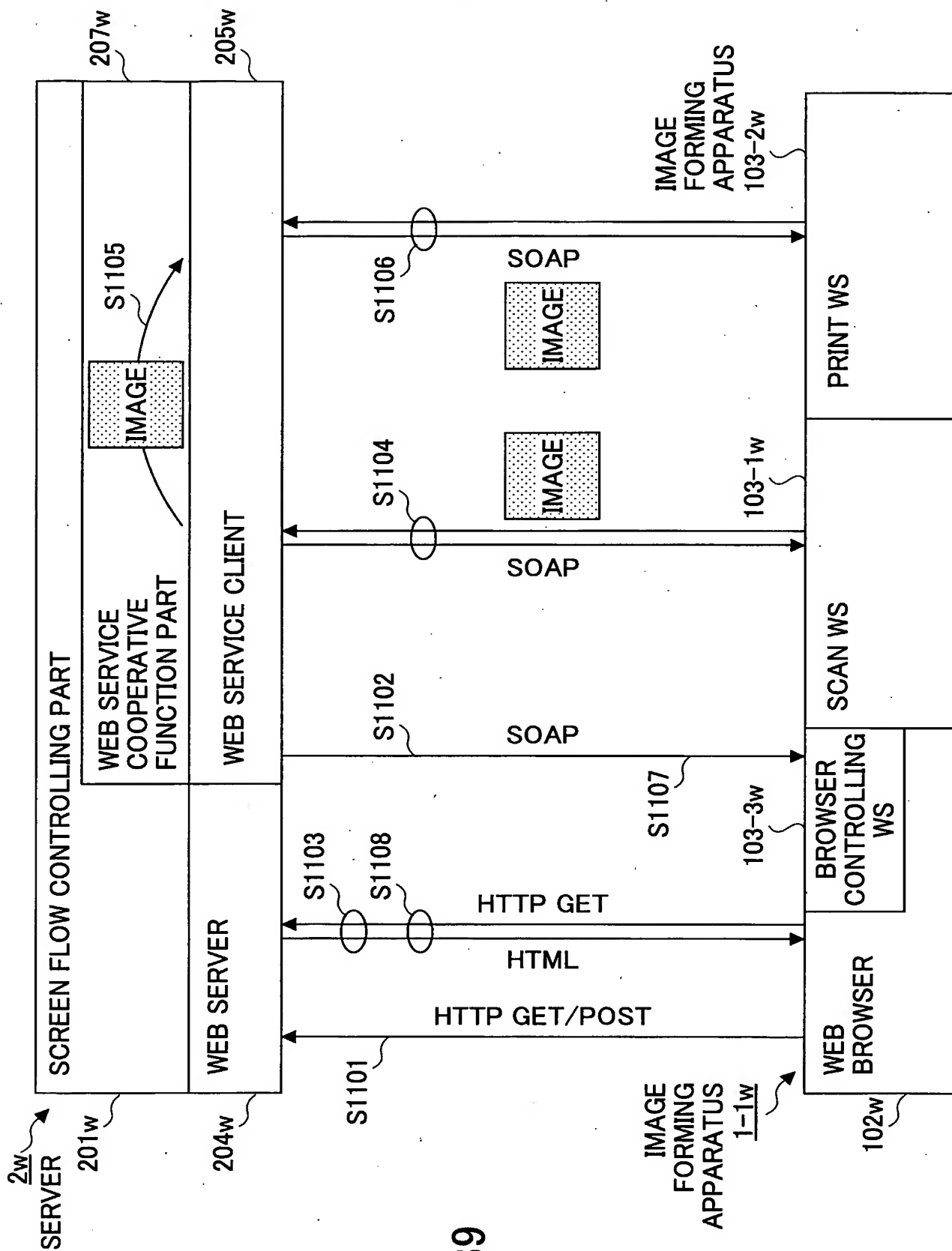


FIG. 39

FIG.40

```
<?xml version="1.0" encoding="UTF-8"?>
<SOAP-ENV:Envelope
  xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:soap-enc="http://schemas.xmlsoap.org/soap/encoding/"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema"
  SOAP-ENV:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
>
  <SOAP-ENV:Body>
    <m:refresh xmlns:m="http://www.hoge.co.jp/xmlns/soap/browserManagement">
      <webPageUrl xsi:type="xsd:anyURI">http://foo/index.html</webPageUrl>
    </m:refresh>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```


FIG.41

```

<?xml version="1.0" encoding="UTF-8"?>
<SOAP-ENV:Envelope
  xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:soap-enc="http://schemas.xmlsoap.org/soap/encoding/"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema"
  SOAP-ENV:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
  <SOAP-ENV:Body>
    <m:scanDocument xmlns:m="http://www.hoge.co.jp/xmlns/soap/scan">
      <propertyInfo xmlns:itt="http://www.hoge.co.jp/xmlns/soap/commontype" xmlns:soap-enc="itt:property[1]">
        <item>
          <name xsi:type="xsd:string">format</name>
          <value xsi:type="xsd:string">tiff</value>
        </item>
      </propertyInfo>
    </m:scanDocument>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>

```

42/89

FIG.42

```
<?xml version="1.0" encoding="UTF-8"?>
<SOAP-ENV:Envelope
  xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:soap-enc="http://schemas.xmlsoap.org/soap/encoding/"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema"
  SOAP-ENV:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
  <SOAP-ENV:Body>
    <m:scanDocumentResponse xmlns:m="http://www.hoge.co.jp/xmlns/soap/scan">
      <returnValue xsi:type="xsd:binaryAttachment">
        <theSignedForm href="content.tiff"/>
      </returnValue>
    </m:scanDocumentResponse>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

FIG.43

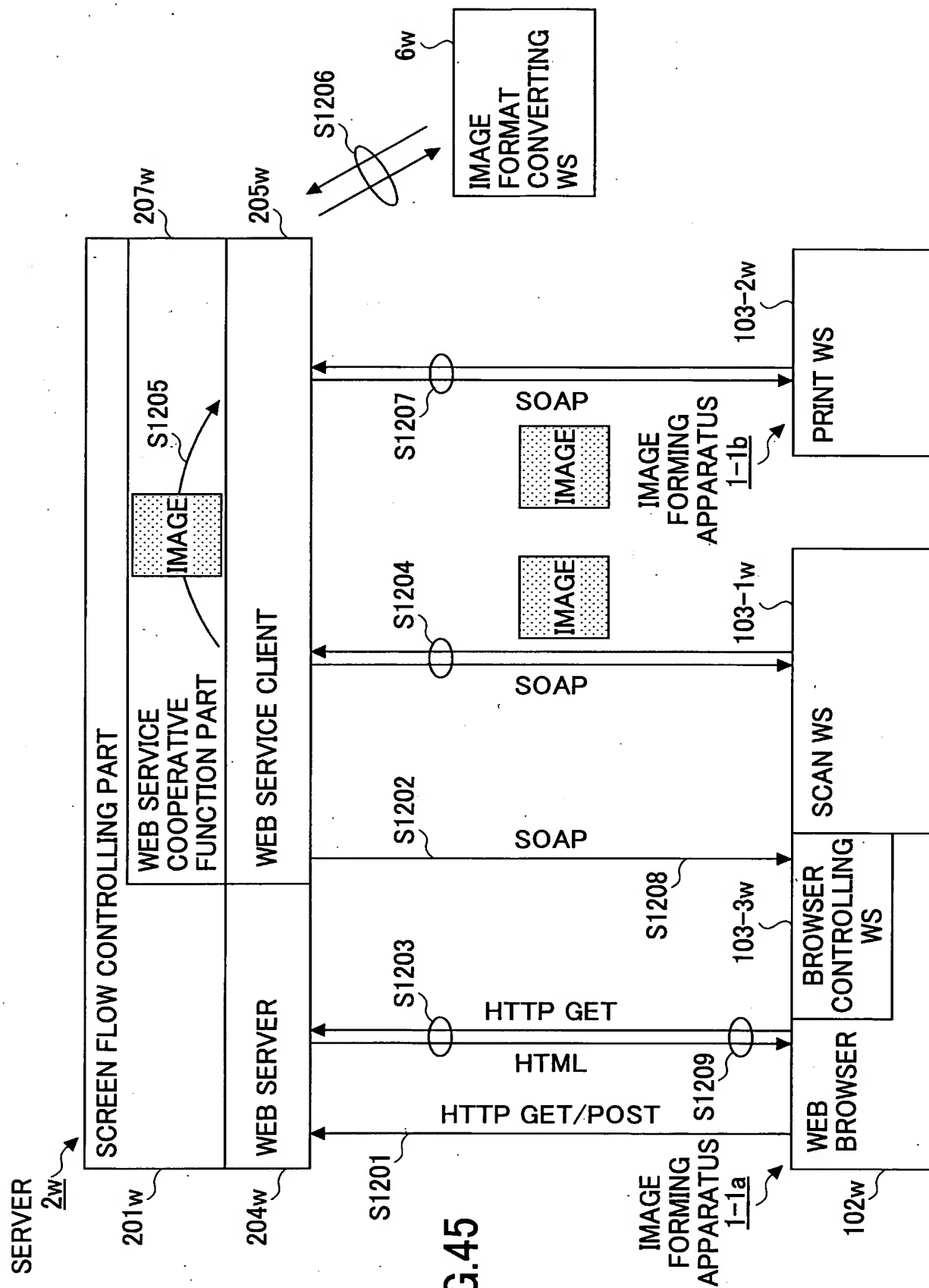
```

<?xml version="1.0" encoding="UTF-8"?>
<SOAP-ENV:Envelope
  xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:soap-enc="http://schemas.xmlsoap.org/soap/encoding/"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema"
  SOAP-ENV:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
  <SOAP-ENV:Body>
    <m:printDocument
      xmlns:m="http://www.hoge.co.jp/xmlns/soap/print">
      <docData xsi:type="xsd:binaryAttachment"><theSignedForm href="content.tiff"/></docData>
      <propertyInfo xmlns:itt="http://www.hoge.co.jp/xmlns/soap/commentype" xmlns:soap-enc="itt:property[2]">
        <item><name xsi:type="xsd:string">number_of_copies</name><value xsi:type="xsd:string">3</value></item>
        <item><name xsi:type="xsd:string">size</name><value xsi:type="xsd:string">A4F</value></item>
      </propertyInfo>
    </m:printDocument>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>

```

FIG.44

```
<?xml version="1.0" encoding="UTF-8"?>
<SOAP-ENV:Envelope
  xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <SOAP-ENV:Body>
    <ns1:printDocumentResponse
      SOAP-ENV:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
      xmlns:ns1="http://www.hoge.co.jp/xmlns/soap/print">
      <returnValue xsi:type="xsd:string">0987654321</returnValue>
    </ns1:printDocumentResponse >
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```



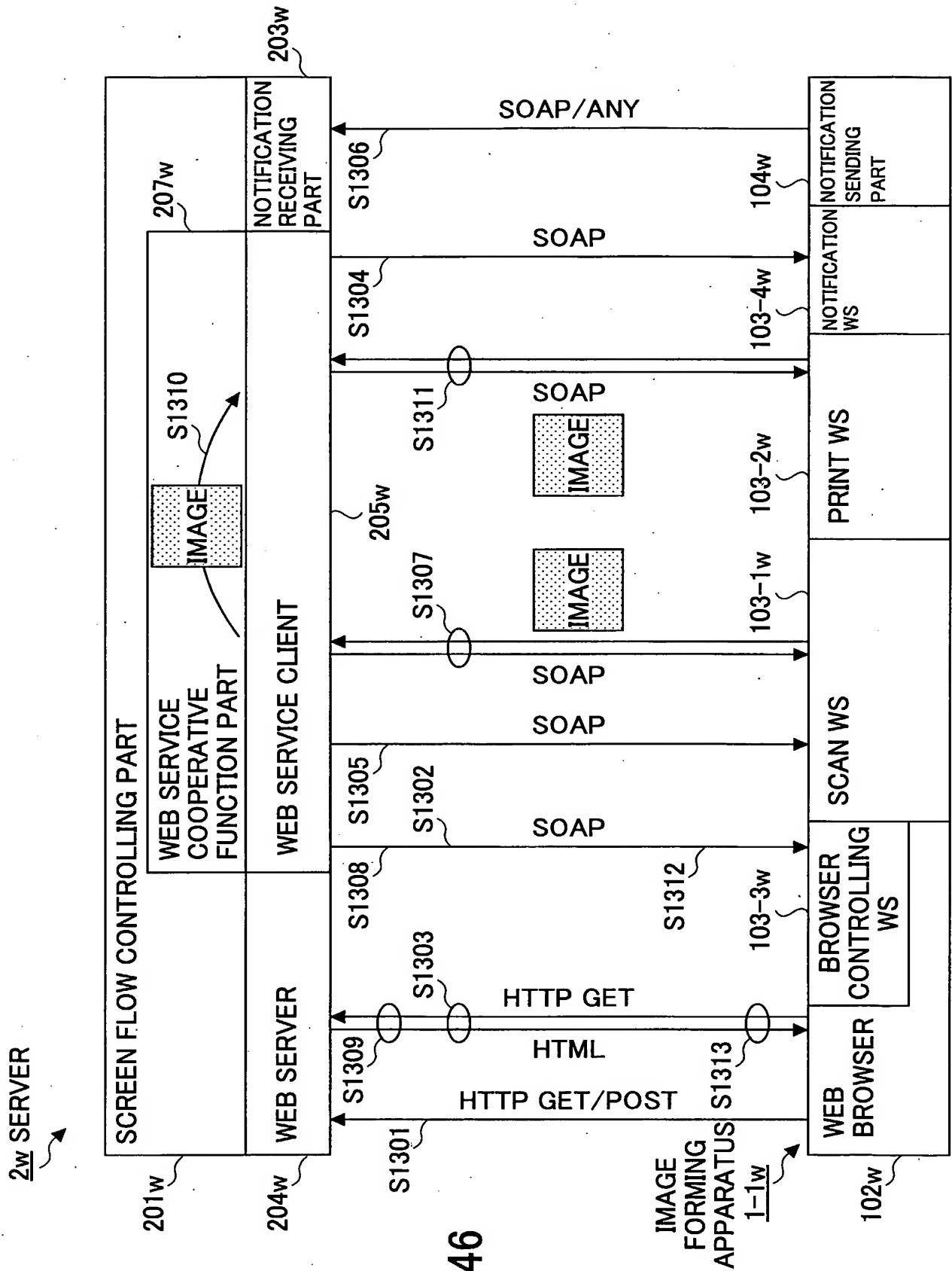


FIG. 46

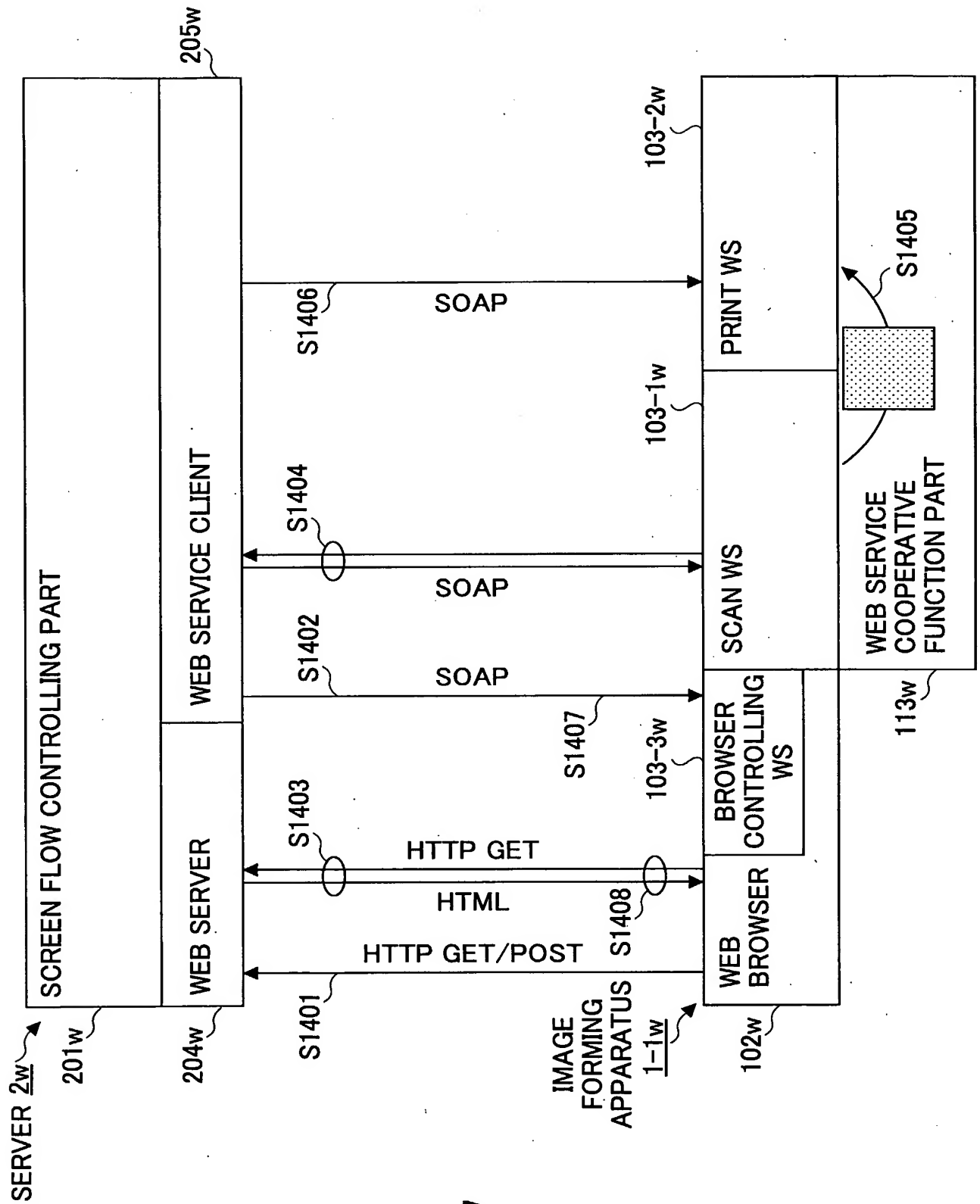


FIG.47

FIG.48

```

<?xml version="1.0" encoding="UTF-8"?>
<SOAP-ENV:Envelope
  xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:soap-enc="http://schemas.xmlsoap.org/soap/encoding/"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema"
  SOAP-ENV:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
  <SOAP-ENV:Body>
    <m:scanDocumentId xmlns:m="http://www.hoge.co.jp/xmlns/soap/scan">
      <propertyInfo xmlns:itt="http://www.hoge.co.jp/xmlns/soap/commontype" xmlns:soap-enc="itt:property[1]">
        <item>
          <name xsi:type="xsd:string">format</name>
          <value xsi:type="xsd:string">tiff</value>
        </item>
      </propertyInfo>
    </m:scanDocumentId>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>

```


FIG.49

```

<?xml version="1.0" encoding="UTF-8"?>
<SOAP-ENV:Envelope
  xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:soap-enc="http://schemas.xmlsoap.org/soap/encoding/"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema"
  SOAP-ENV:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
  <SOAP-ENV:Body>
    <m:scanDocumentIdResponse xmlns:m="http://www.hoge.co.jp/xmlns/soap/scan">
      <returnValue xmlns:type="xsd:string">
        1111
      </returnValue>
    </m:scanDocumentIdResponse>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>

```

FIG.50

```

<?xml version="1.0" encoding="UTF-8"?>
<SOAP-ENV:Envelope
  xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:soap-enc="http://schemas.xmlsoap.org/soap/encoding/"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema"
  SOAP-ENV:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
  <SOAP-ENV:Body>
    <m:printDocumentId
      xmlns:m="http://www.hoge.co.jp/xmlns/soap/print">
      <docId xmlns:type="xsd:string">1111</docId>
      <propertyInfo xmlns:itt="http://www.hoge.co.jp/xmlns/soap/commontype" xmlns:soap-enc="itt:property[2]">
        <item><name xsi:type="xsd:string">number_of_copies</name><value xsi:type="xsd:string">3</value></item>
        <item><name xsi:type="xsd:string">size</name><value xsi:type="xsd:string">A4F</value></item>
      </propertyInfo>
    </m:printDocumentId>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>

```

51/89

FIG.51

```
<?xml version="1.0" encoding="UTF-8"?>
<SOAP-ENV:Envelope
  xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <SOAP-ENV:Body>
    <ns1:printDocumentIdResponse
      SOAP-ENV:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
      xmlns:ns1="http://www.hoge.co.jp/xmlns/soap/print">
      <returnValue xsi:type="xsd:string">0987654321</returnValue>
    </ns1:printDocumentIdResponse >
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

52/89

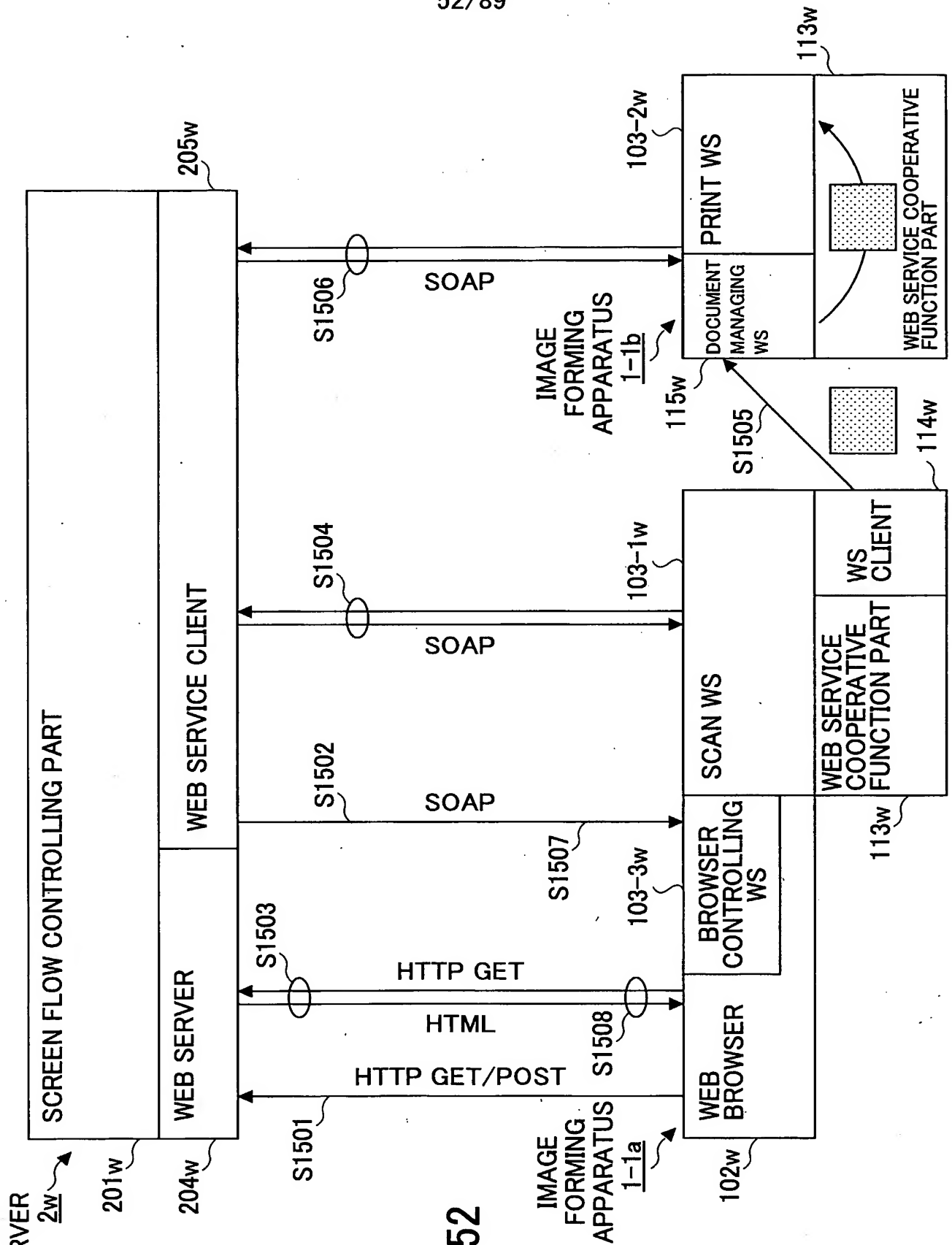
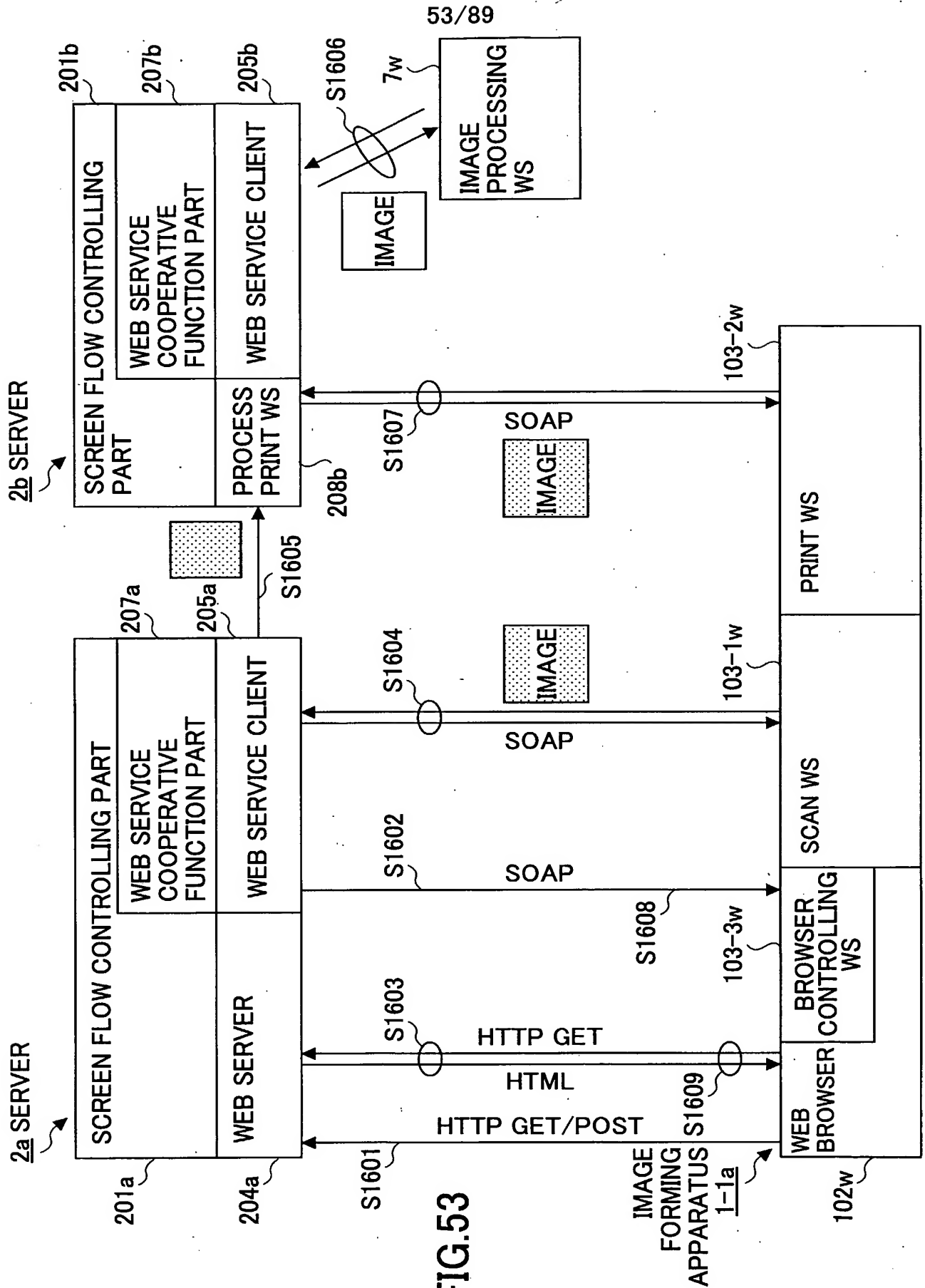


FIG.52



54/89

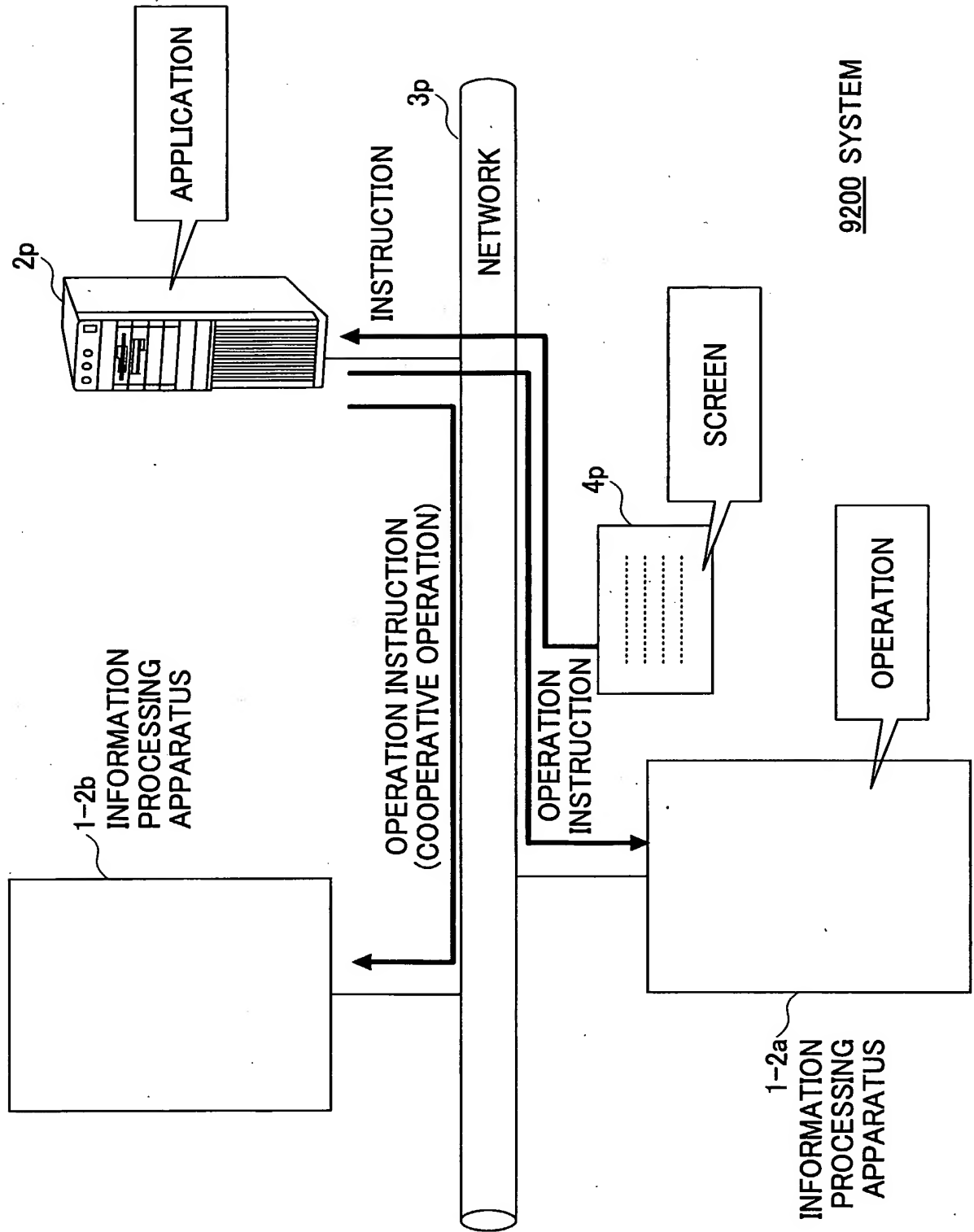
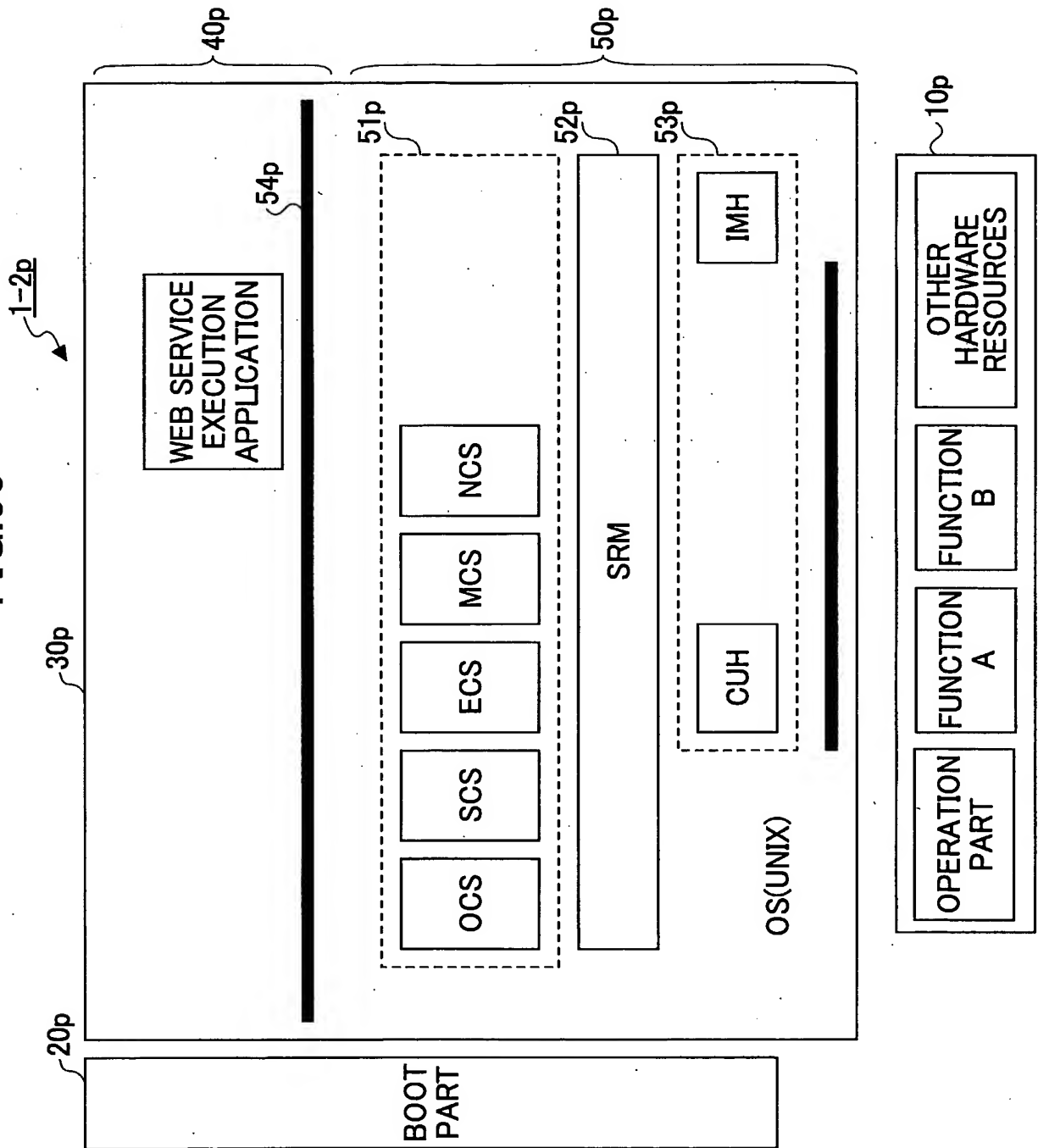


FIG.54

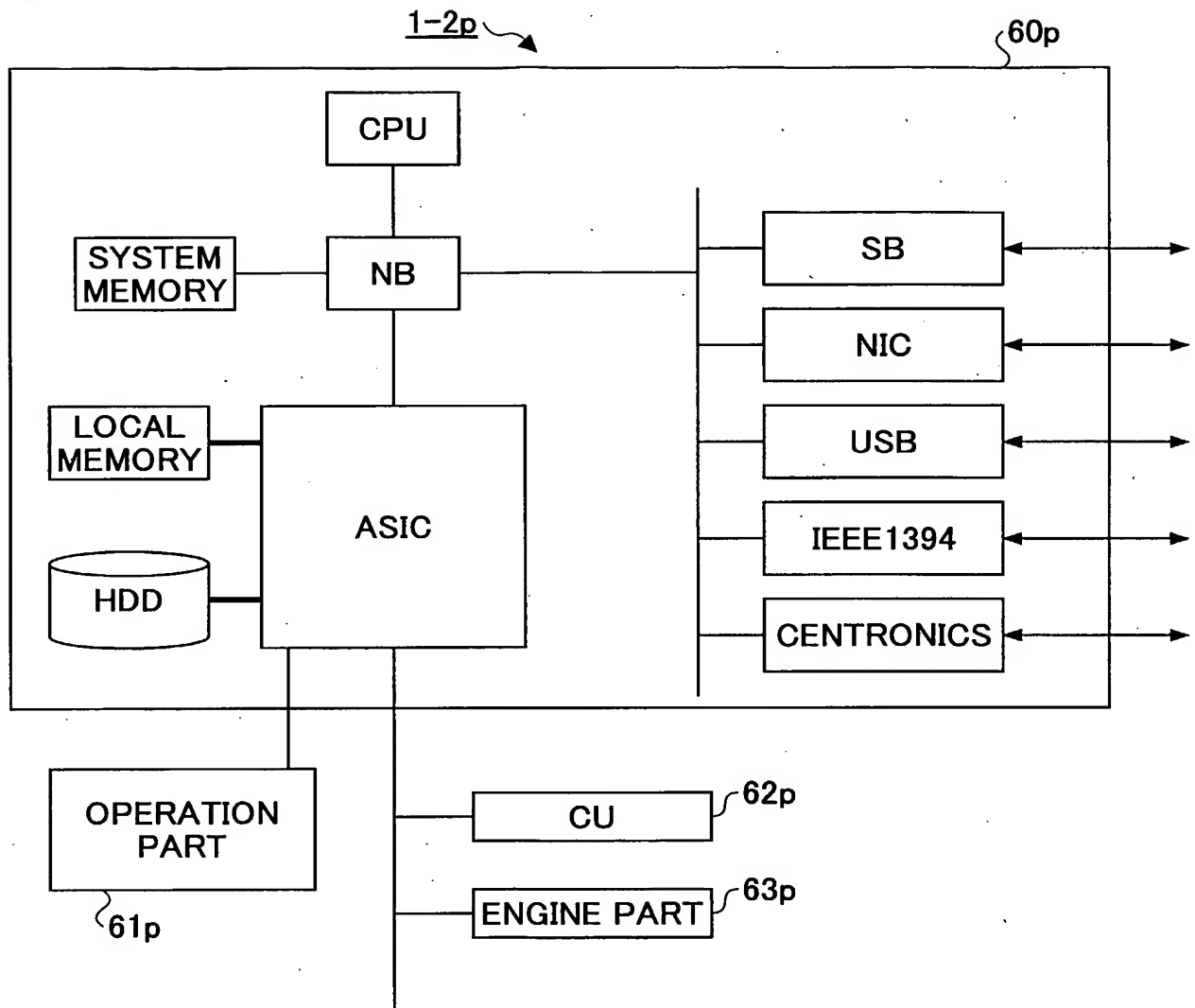
55/89

FIG.55



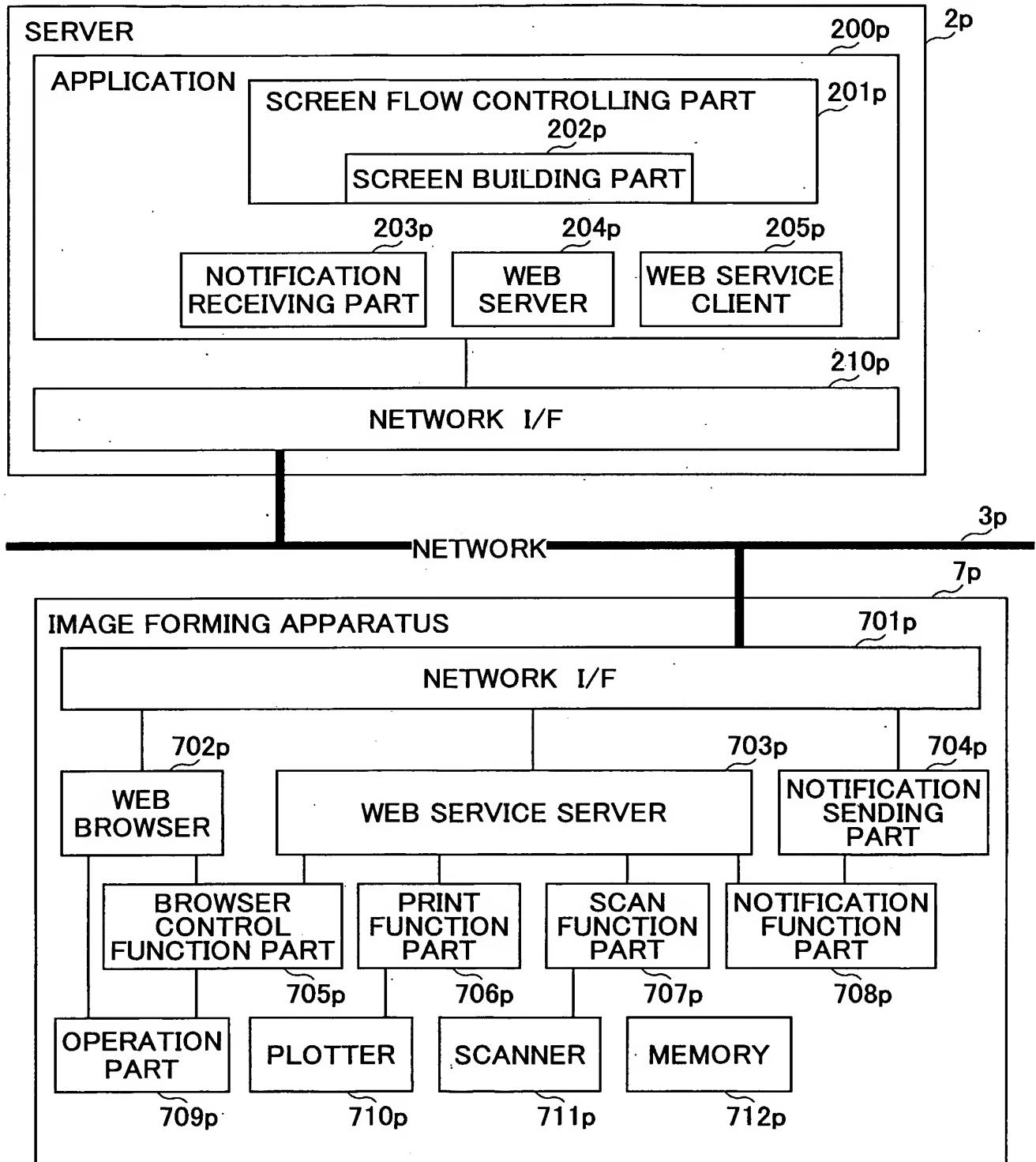
56/89

FIG.56



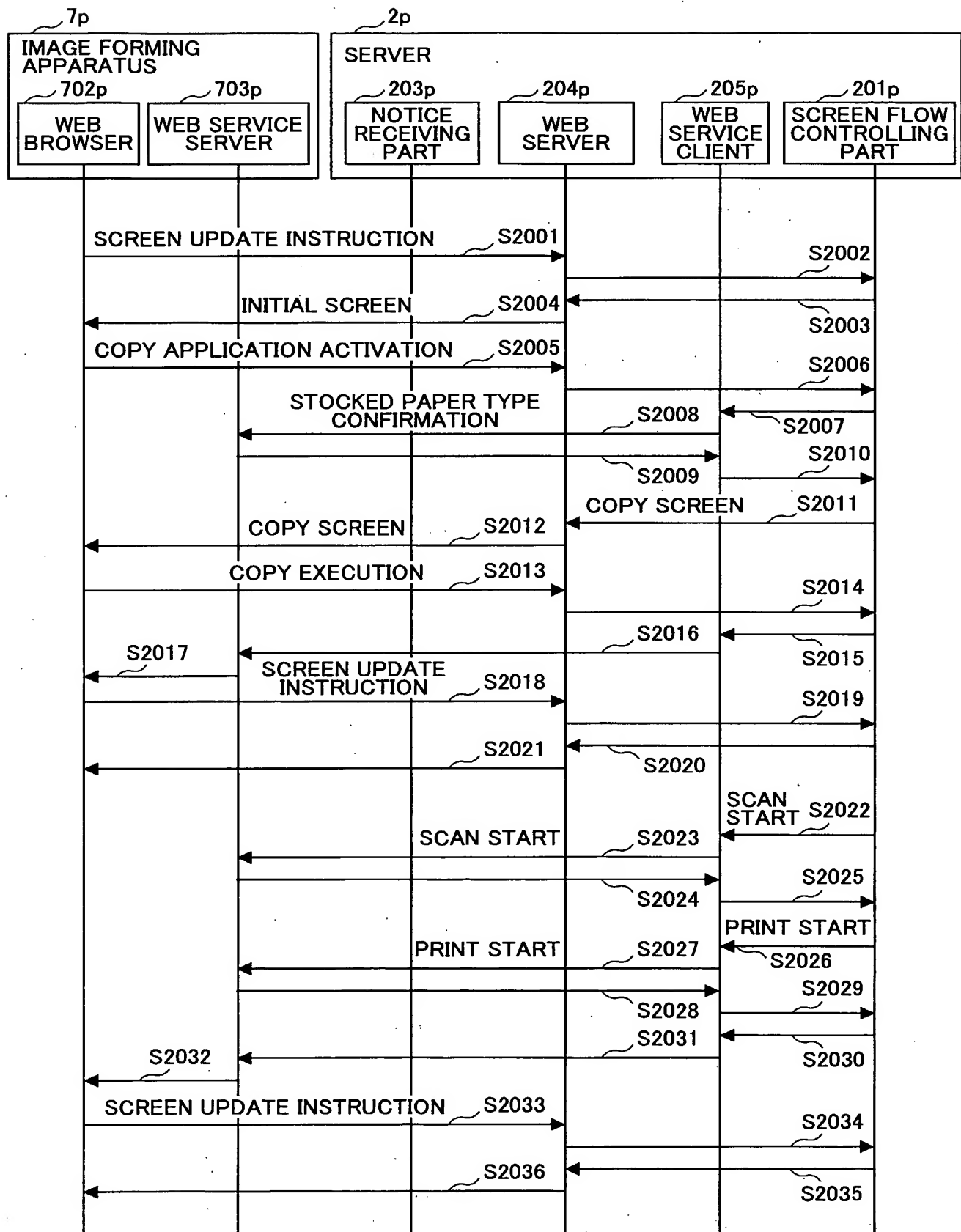
57/89

FIG.57



9202 SYSTEM

FIG.58



59/89

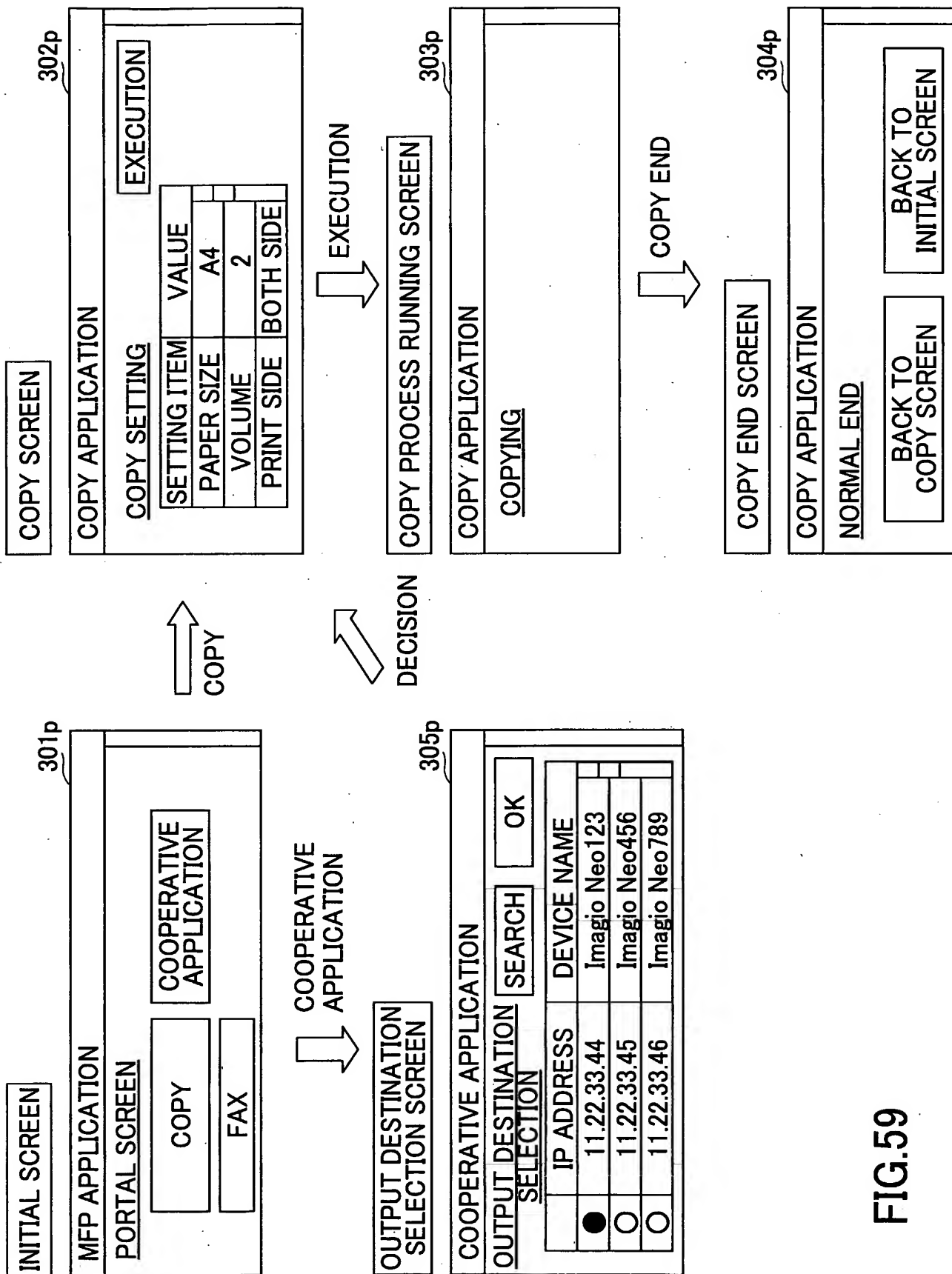
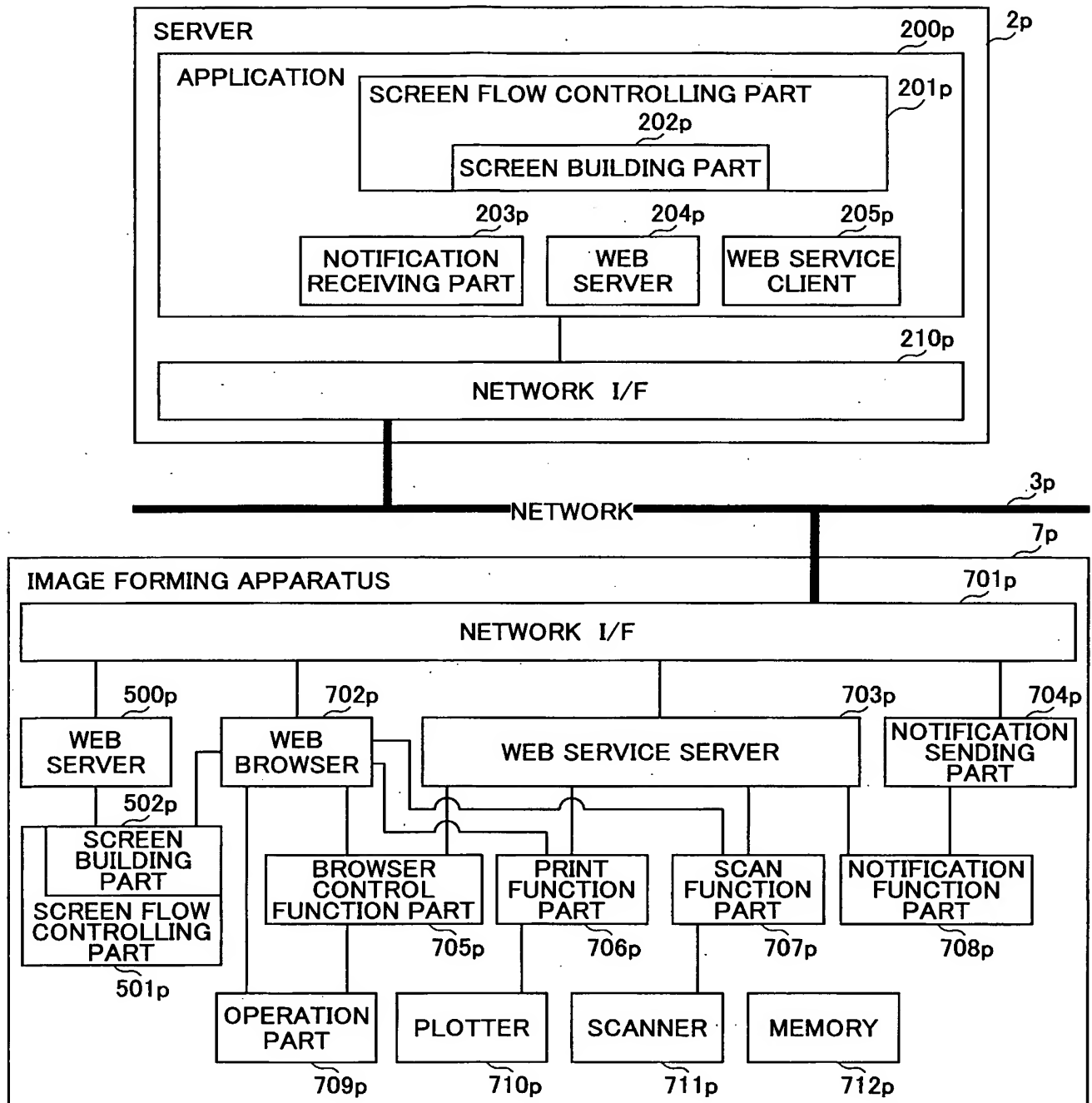


FIG.59

60/89

FIG.60

9203 SYSTEM

61/89

FIG.61

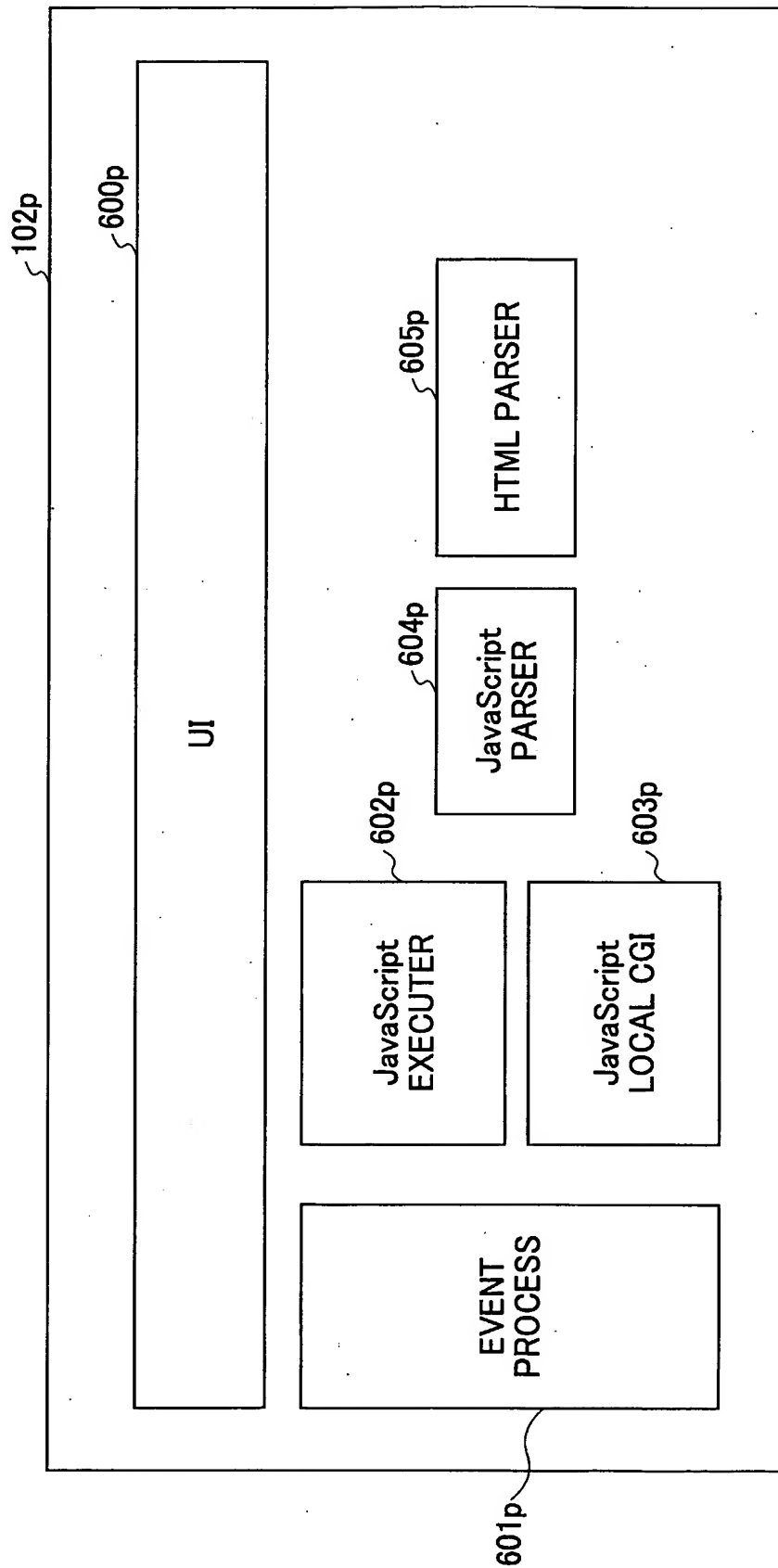
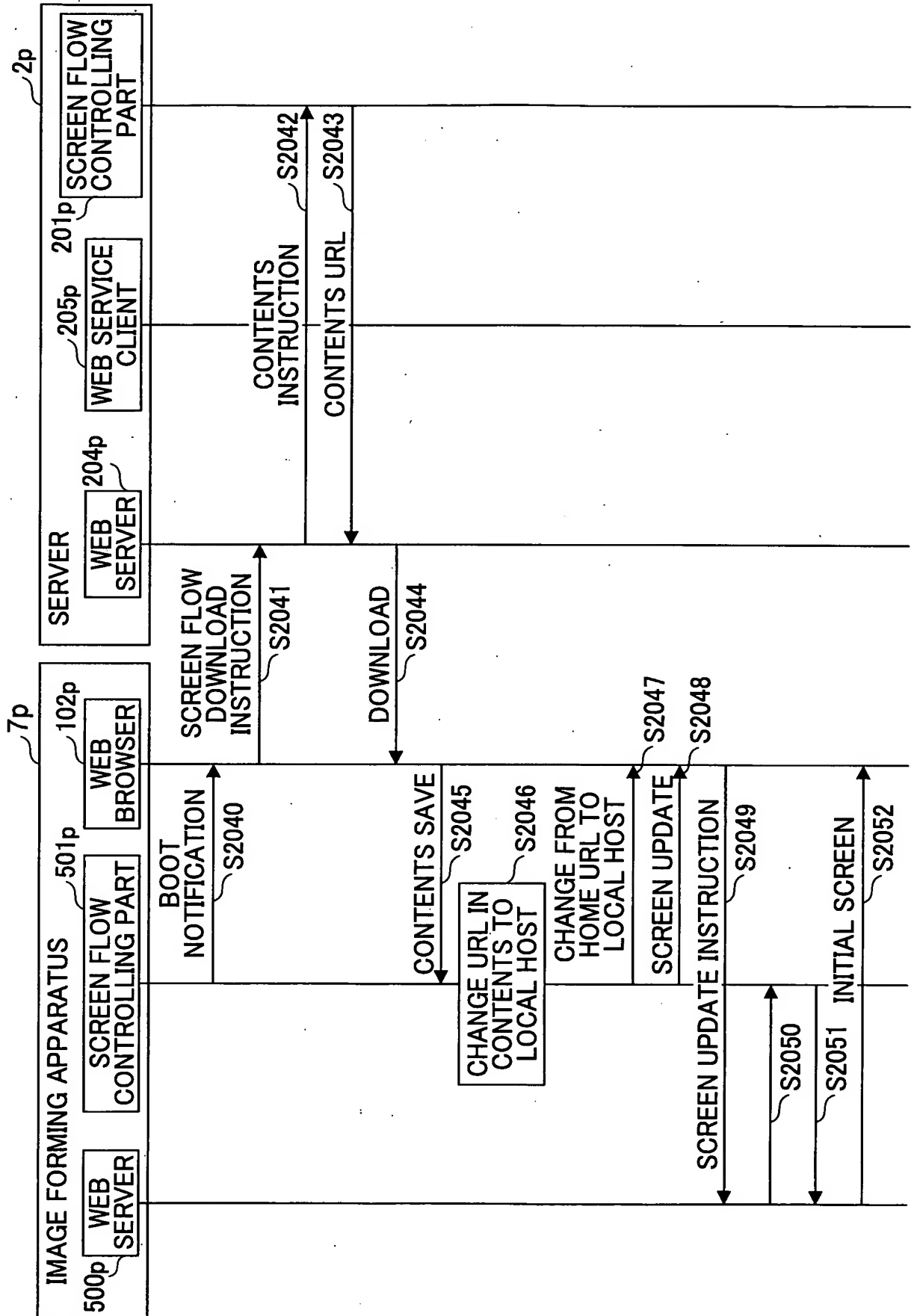
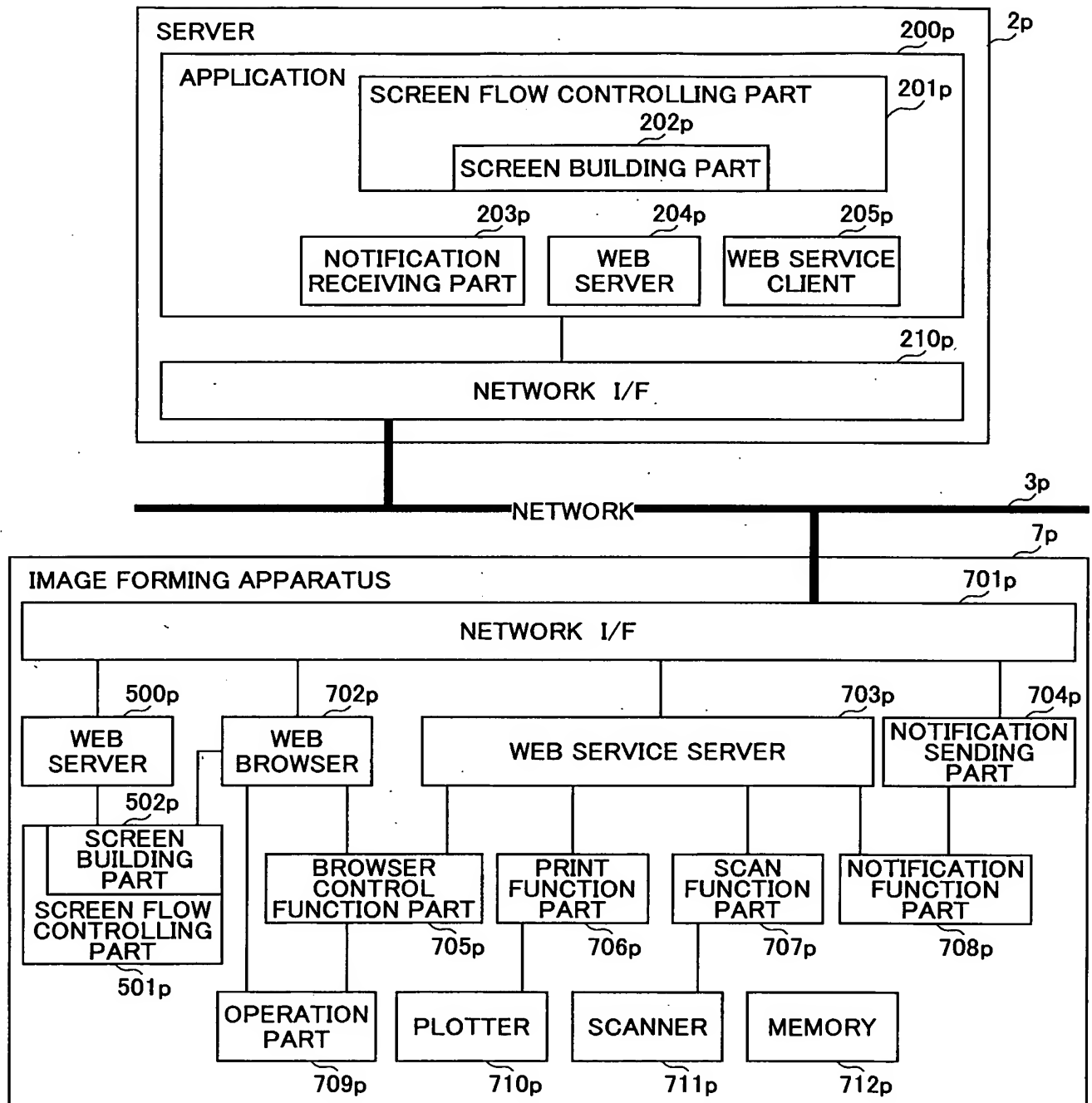


FIG.62

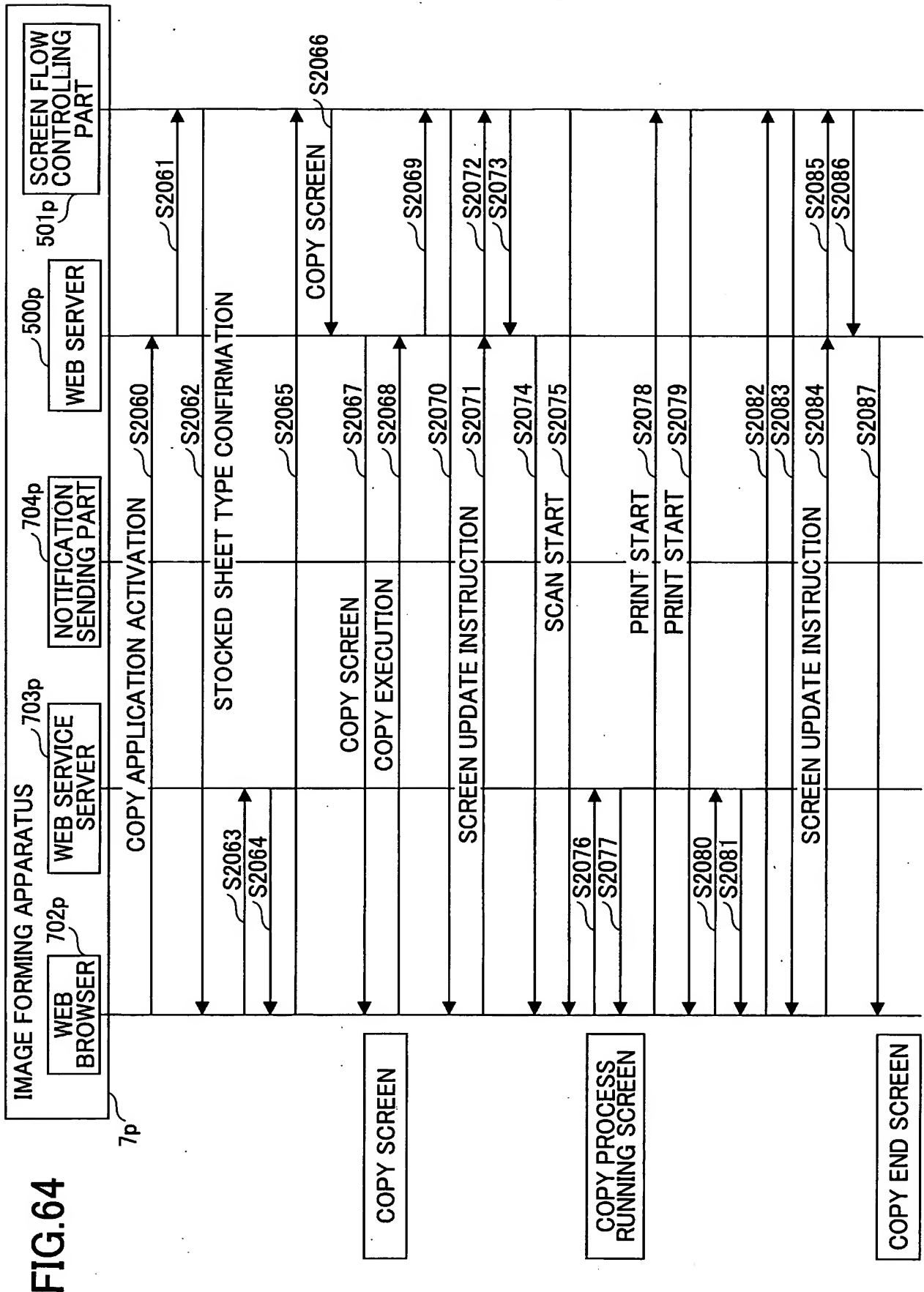


63/89

FIG.63

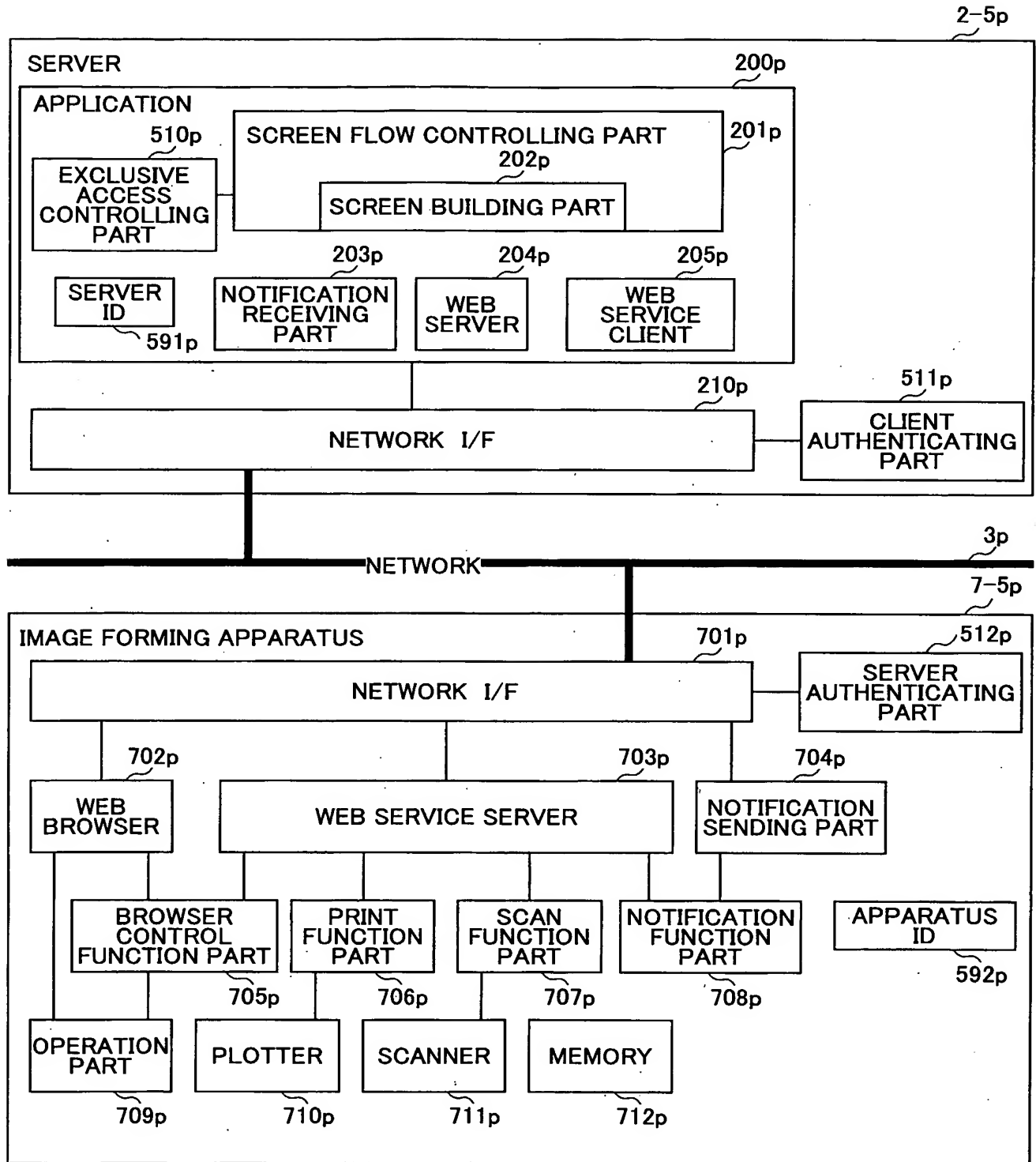


9204 SYSTEM



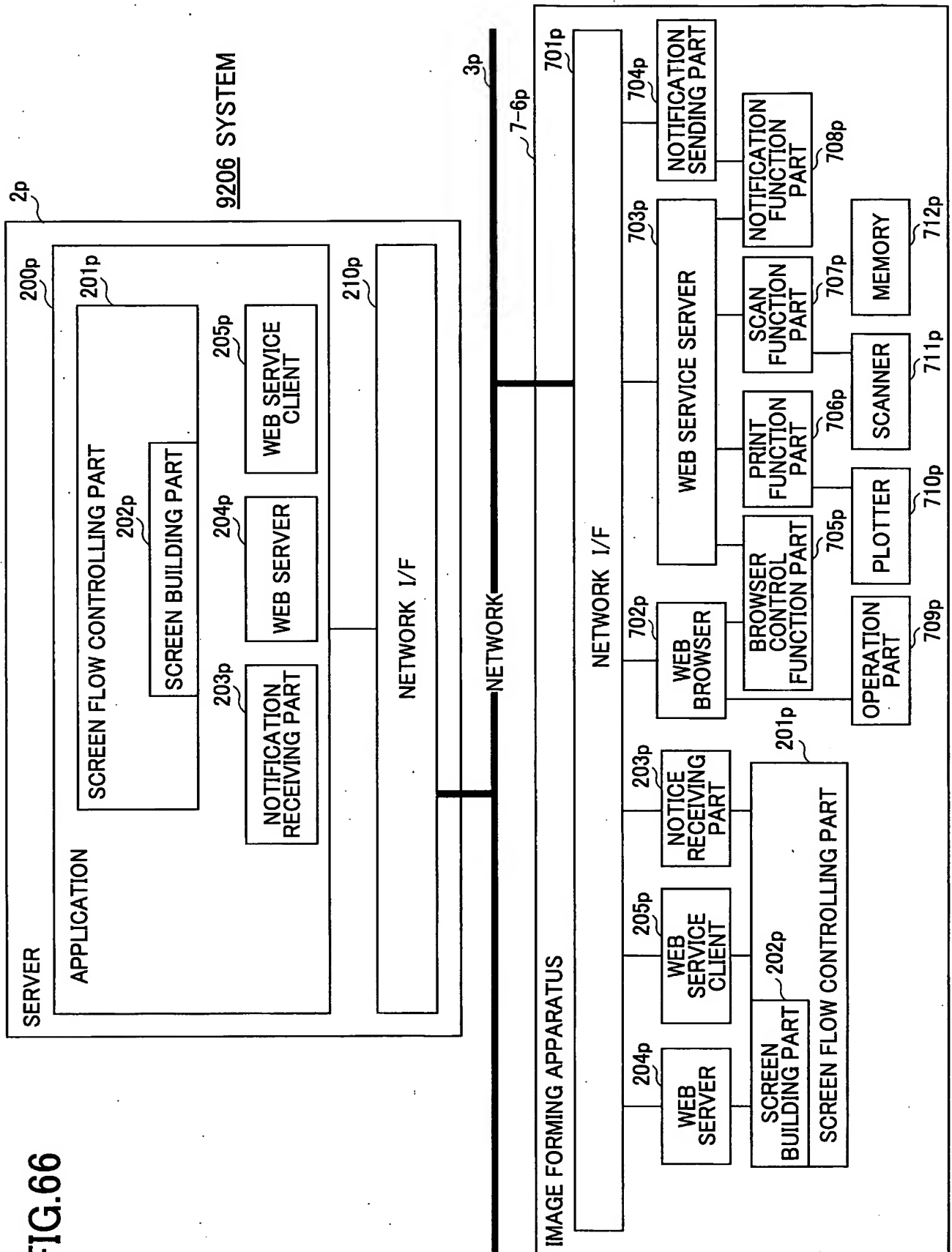
65/89

FIG.65



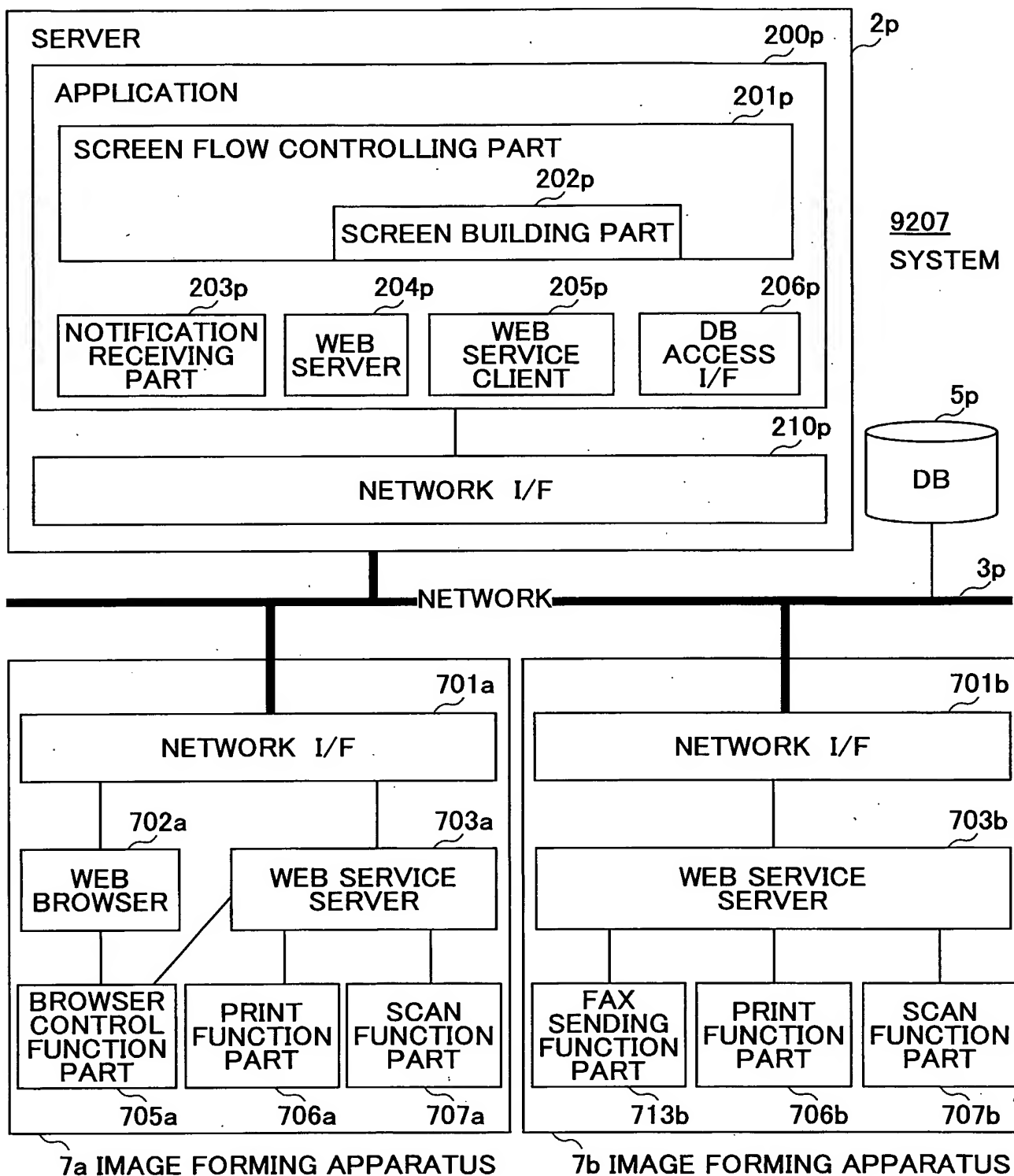
9205 SYSTEM

FIG.66



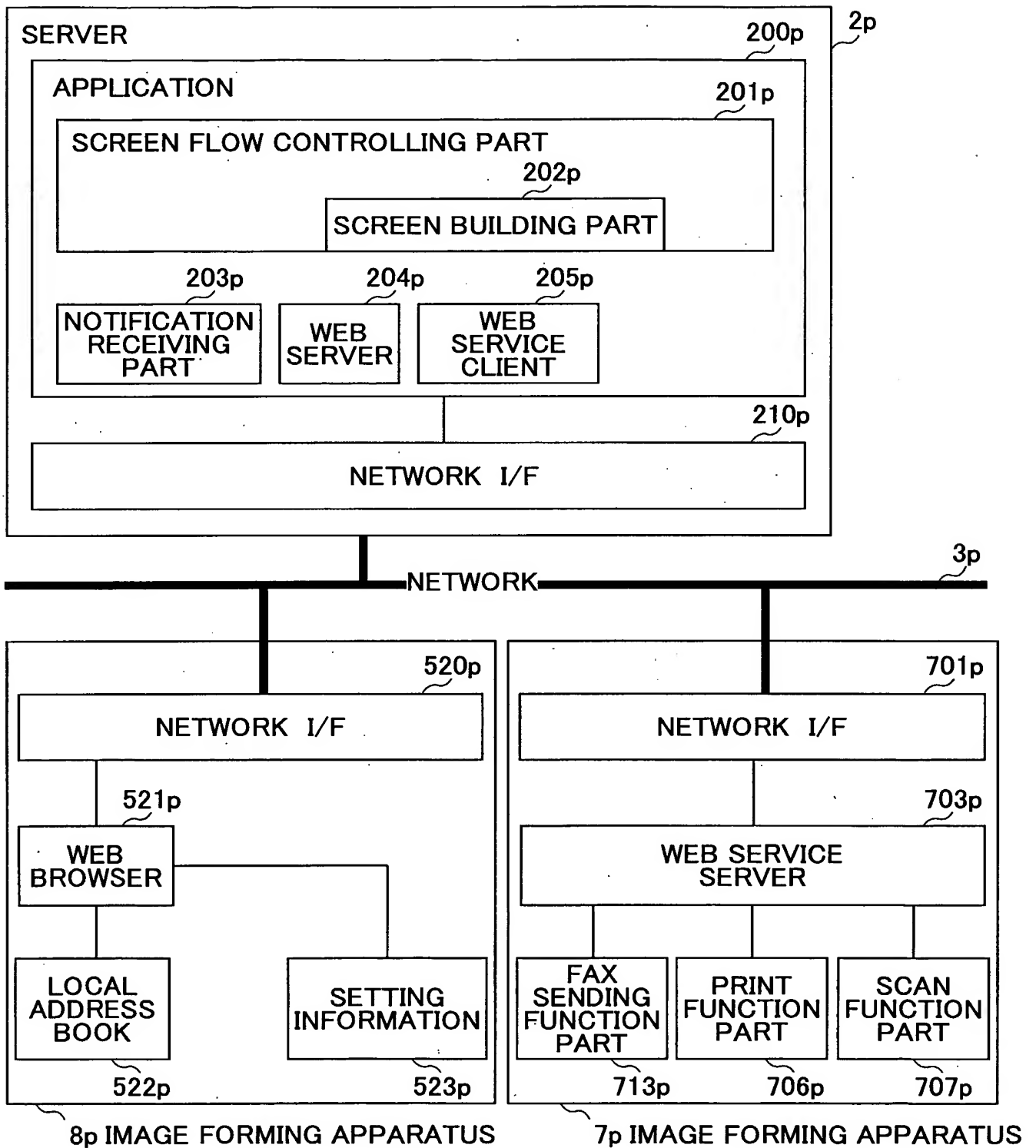
67/89

FIG.67



68/89

FIG.68



69/89

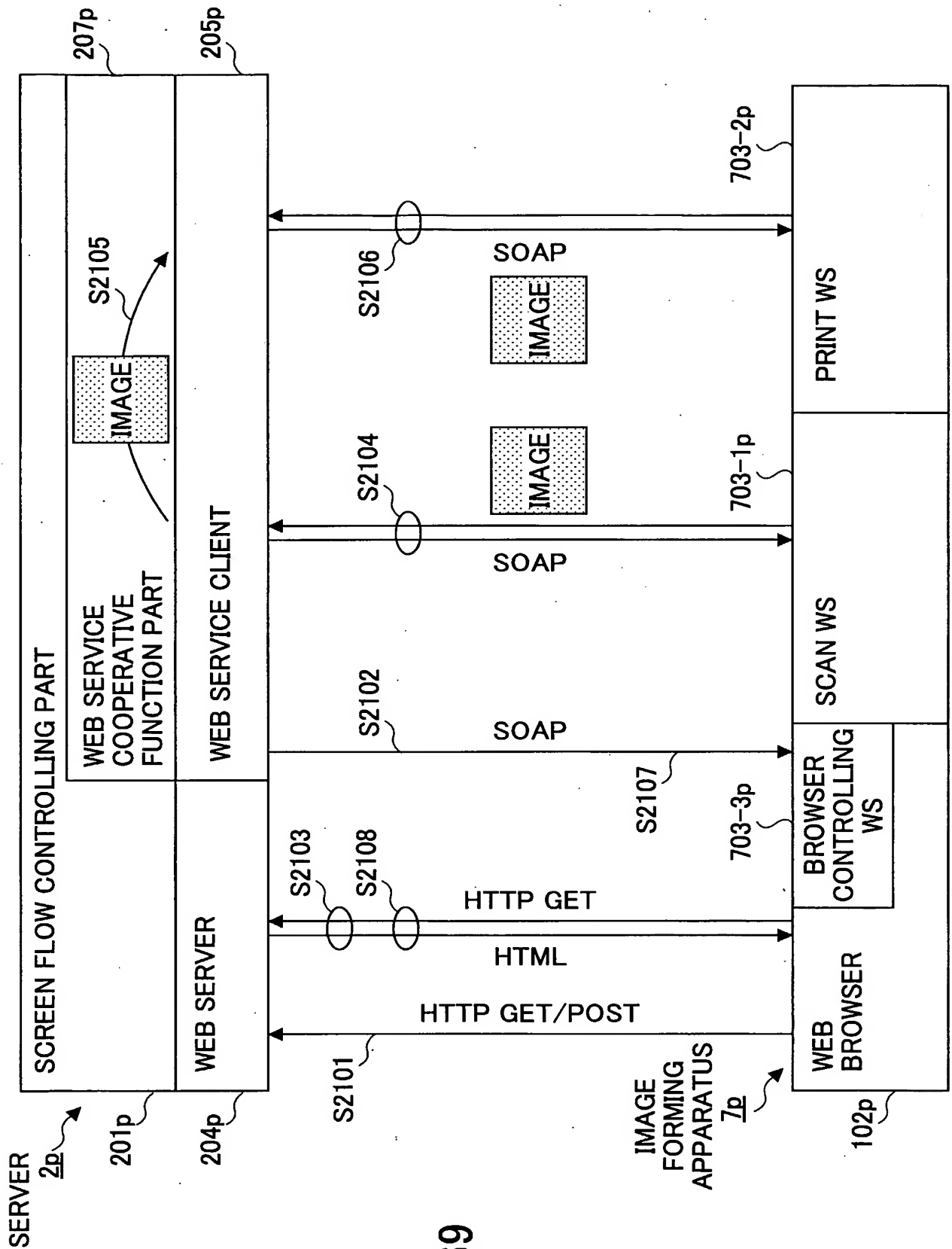


FIG.69

70/89

FIG.70

```
<?xml version="1.0" encoding="UTF-8"?>
<SOAP-ENV:Envelope
  xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:soap-enc="http://schemas.xmlsoap.org/soap/encoding/"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema"
  SOAP-ENV:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
  <SOAP-ENV:Body>
    <m:refresh xmlns:m="http://www.hoge.co.jp/xmlns/soap/browserManagement">
      <webPageUrl xsi:type="xsd:anyURI">http://foo/index.html</webPageUrl>
    </m:refresh>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

FIG.71

```

<?xml version="1.0" encoding="UTF-8"?>
<SOAP-ENV:Envelope
  xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:soap-enc="http://schemas.xmlsoap.org/soap/encoding/"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema"
  SOAP-ENV:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
  <SOAP-ENV:Body>
    <m:scanDocument xmlns:m="http://www.hoge.co.jp/xmlns/soap/scan">
      <propertyInfo xmlns:itt="http://www.hoge.co.jp/xmlns/soap/commontype" xmlns:soap-enc="itt:property[1]">
        <item>
          <name xsi:type="xsd:string">format</name>
          <value xsi:type="xsd:string">tiff</value>
        </item>
      </propertyInfo>
    </m:scanDocument>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>

```

FIG.72

```

<?xml version="1.0" encoding="UTF-8"?>
<SOAP-ENV:Envelope
  xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:soap-enc="http://schemas.xmlsoap.org/soap/encoding/"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema"
  SOAP-ENV:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
  <SOAP-ENV:Body>
    <m:scanDocumentResponse xmlns:m="http://www.hoge.co.jp/xmlns/soap/scan">
      <returnValue xsi:type="xsd:binaryAttachment">
        <theSignedForm href="content.tiff" />
      </returnValue>
    </m:scanDocumentResponse>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>

```


FIG. 73

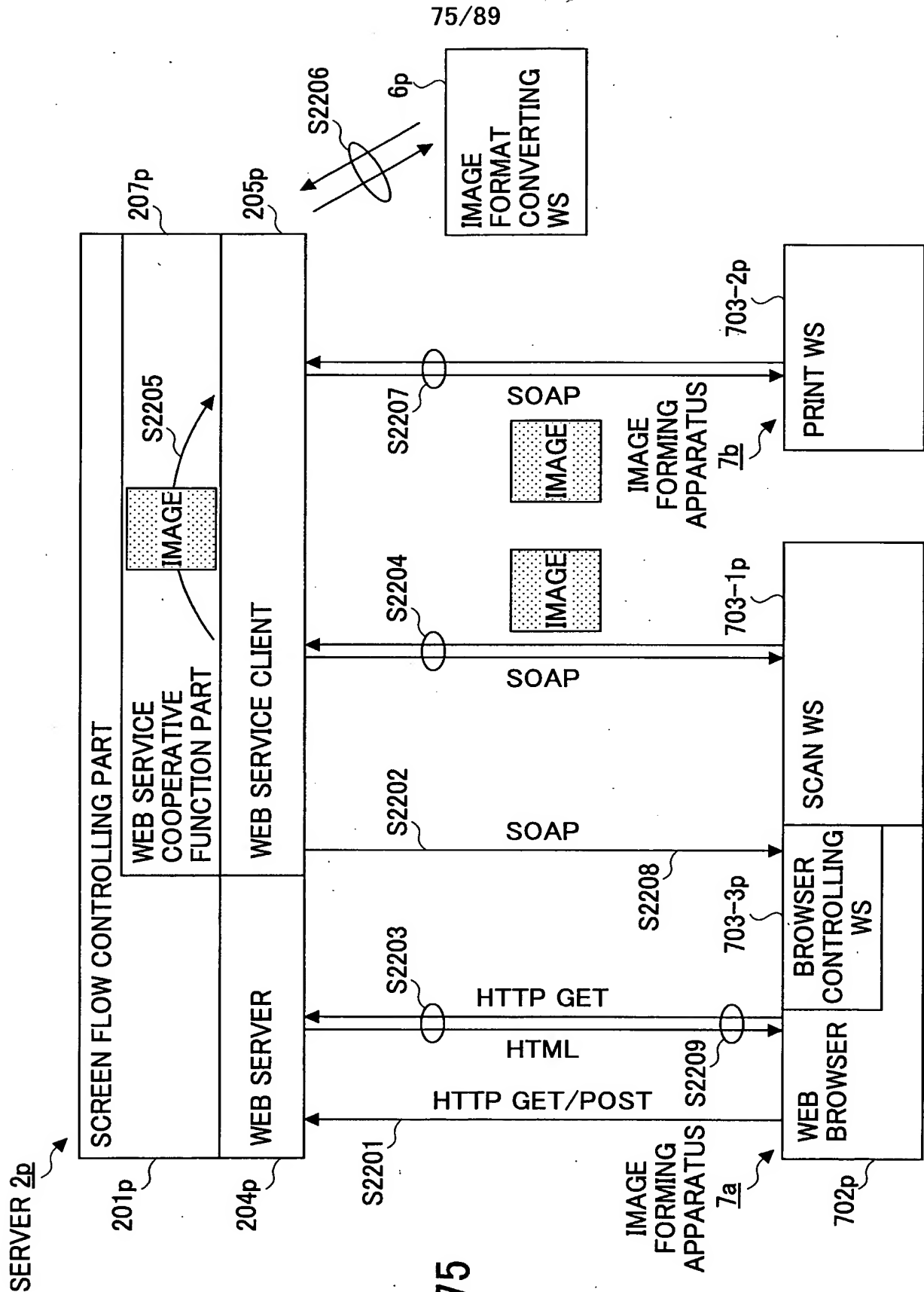
```

<?xml version="1.0" encoding="UTF-8"?>
<SOAP-ENV:Envelope
  xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:soap-enc="http://schemas.xmlsoap.org/soap/encoding/"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema"
  SOAP-ENV:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
  <SOAP-ENV:Body>
    <m:printDocument
      xmlns:m="http://www.hoge.co.jp/xmlns/soap/print">
      <docData xsi:type="xsd:binaryAttachment"><theSignedForm href="content.tiff"/></docData>
      <propertyInfo xmlns:itt="http://www.hoge.co.jp/xmlns/soap/commontype" xmlns:soap-enc="itt:property[2]">
        <item><name xsi:type="xsd:string">number_of_copies</name><value xsi:type="xsd:string">3</value></item>
        <item><name xsi:type="xsd:string">size</name><value xsi:type="xsd:string">A4F</value></item>
      </propertyInfo>
    </m:printDocument>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>

```

FIG.74

```
<?xml version="1.0" encoding="UTF-8"?>
<SOAP-ENV:Envelope
  xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <SOAP-ENV:Body>
    <ns1:printDocumentResponse
      SOAP-ENV:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
      xmlns:ns1="http://www.hoge.co.jp/xmlns/soap/print">
      <returnValue xsi:type="xsd:string">0987654321</returnValue>
    </ns1:printDocumentResponse >
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```



76/89

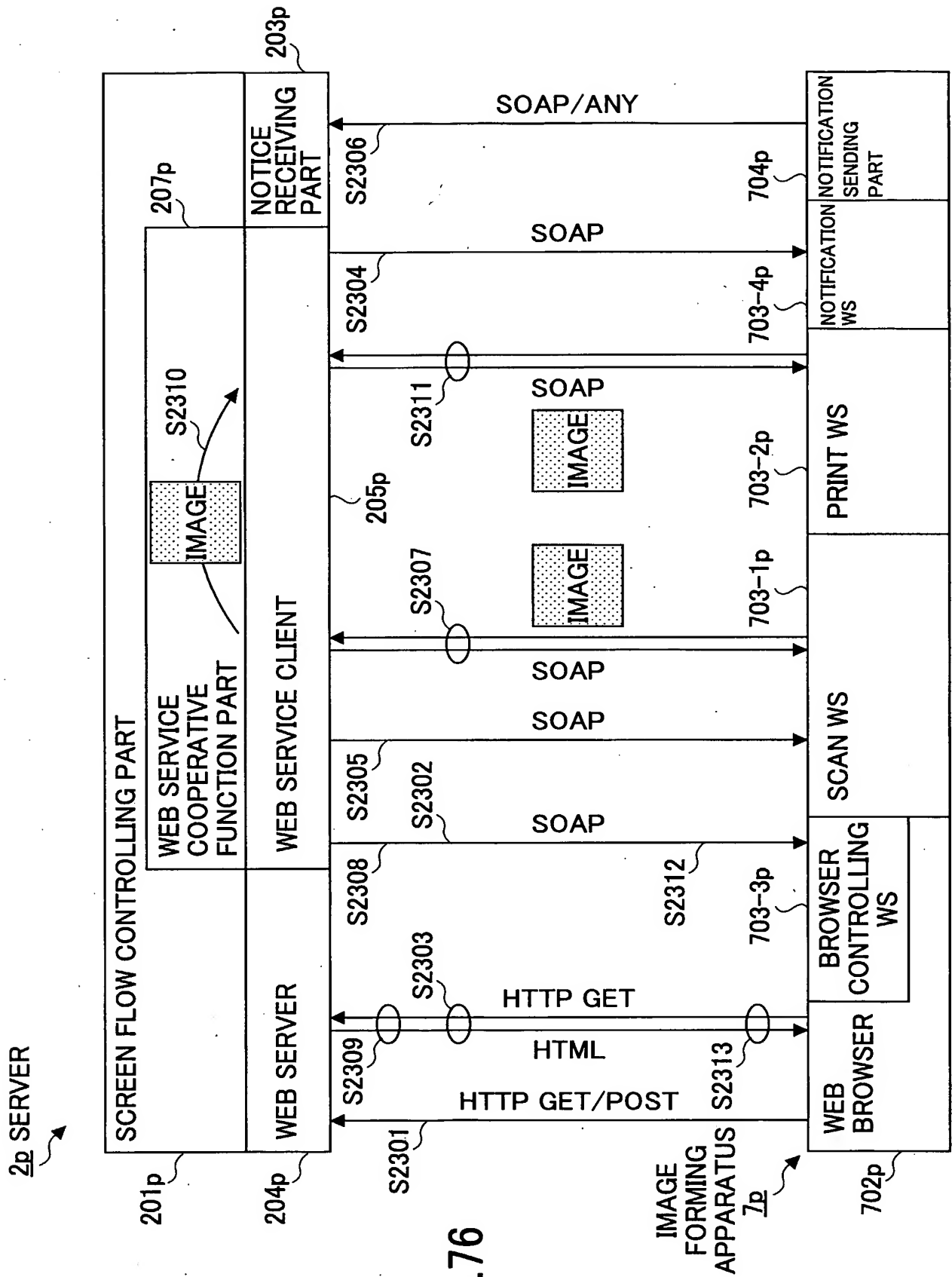


FIG.76

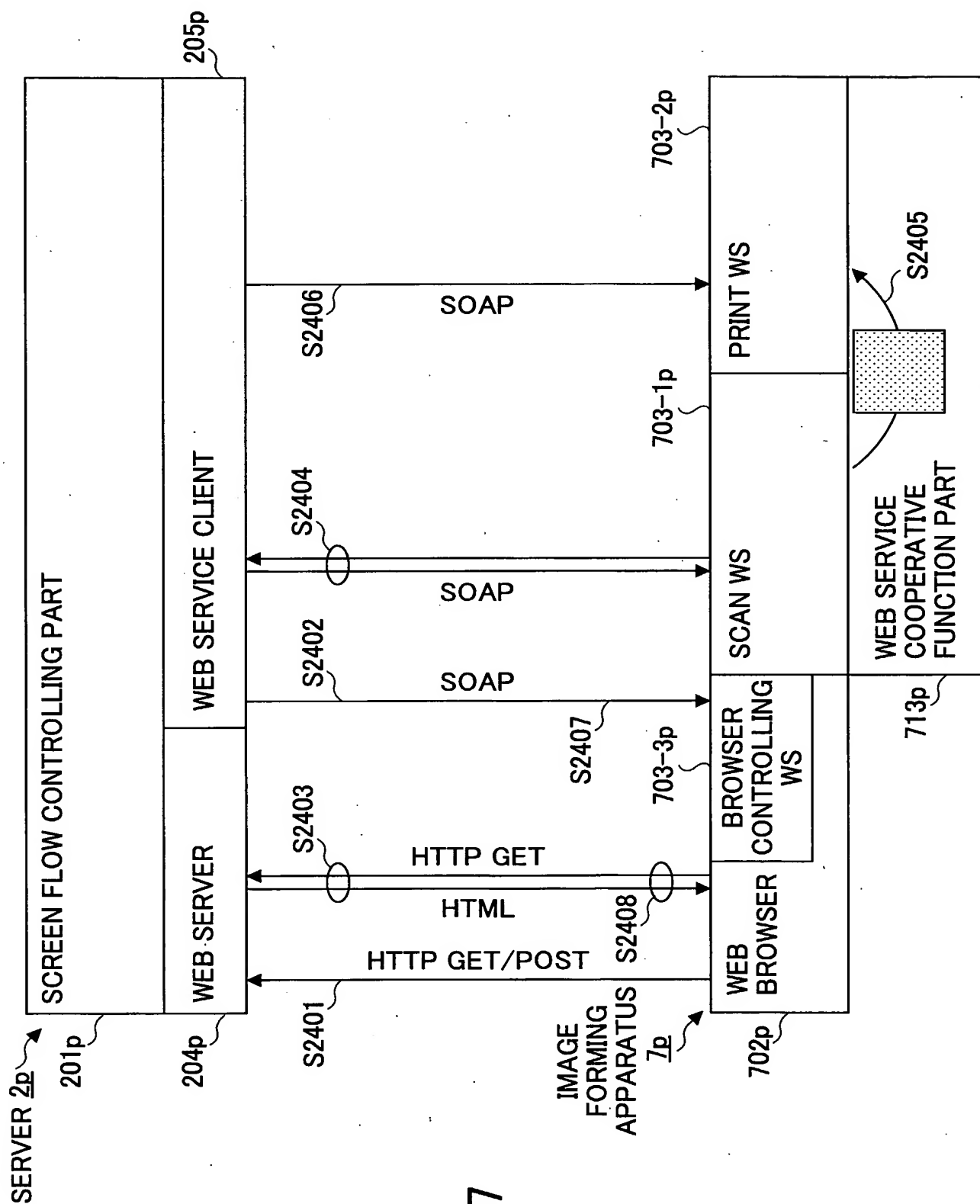


FIG.78

```

<?xml version="1.0" encoding="UTF-8"?>
<SOAP-ENV:Envelope
  xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:soap-enc="http://schemas.xmlsoap.org/soap/encoding/"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema"
  SOAP-ENV:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
  <SOAP-ENV:Body>
    <m:scanDocumentId xmlns:m="http://www.hoge.co.jp/xmlns/soap/scan">
      <propertyInfo xmlns:itt="http://www.hoge.co.jp/xmlns/soap/commontype" xmlns:soap-enc="itt:property[1]">
        <item>
          <name xsi:type="xsd:string">format</name>
          <value xsi:type="xsd:string">tiff</value>
        </item>
      </propertyInfo>
    </m:scanDocumentId>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>

```

79/89

FIG. 79

```
<?xml version="1.0" encoding="UTF-8"?>
<SOAP-ENV:Envelope
  xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:soap-enc="http://schemas.xmlsoap.org/soap/encoding/"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema"
  SOAP-ENV:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
  <SOAP-ENV:Body>
    <m:scanDocumentIdResponse xmlns:m="http://www.hoge.co.jp/xmlns/soap/scan">
      <returnValue xmlns:type="xsd:string">
        1111
      </returnValue>
    </m:scanDocumentIdResponse>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

FIG.80

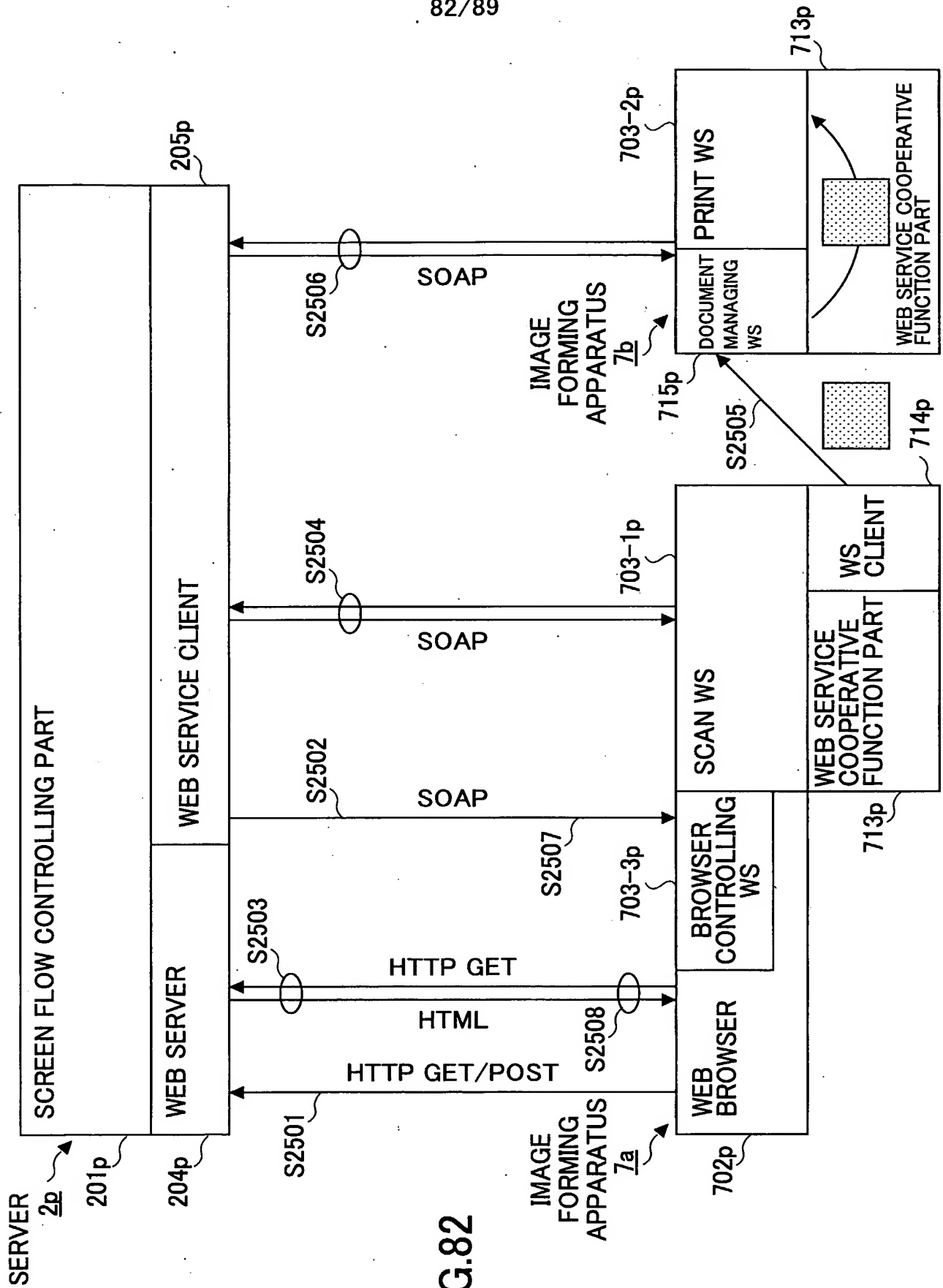
```

<?xml version="1.0" encoding="UTF-8"?>
<SOAP-ENV:Envelope
  xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:soap-enc="http://schemas.xmlsoap.org/soap/encoding/"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema"
  SOAP-ENV:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
  <SOAP-ENV:Body>
    <m:printDocumentId
      xmlns:m="http://www.hoge.co.jp/xmlns/soap/print">
      <docId xmlns:type="xsd:string">1111</docId>
      <propertyInfo xmlns:itt="http://www.hoge.co.jp/xmlns/soap/commontype" xmlns:soap-enc="itt:property[2]">
        <item><name xsi:type="xsd:string">number_of_copies</name><value xsi:type="xsd:string">3</value></item>
        <item><name xsi:type="xsd:string">size</name><value xsi:type="xsd:string">A4F</value></item>
      </propertyInfo>
    </m:printDocumentId>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>

```


FIG.81

```
<?xml version="1.0" encoding="UTF-8"?>
<SOAP-ENV:Envelope
  xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <SOAP-ENV:Body>
    <ns1:printDocumentIdResponse
      SOAP-ENV:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
      xmlns:ns1="http://www.hoge.co.jp/xmlns/soap/print">
      <returnValue xsi:type="xsd:string">0987654321</returnValue>
    </ns1:printDocumentIdResponse >
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```



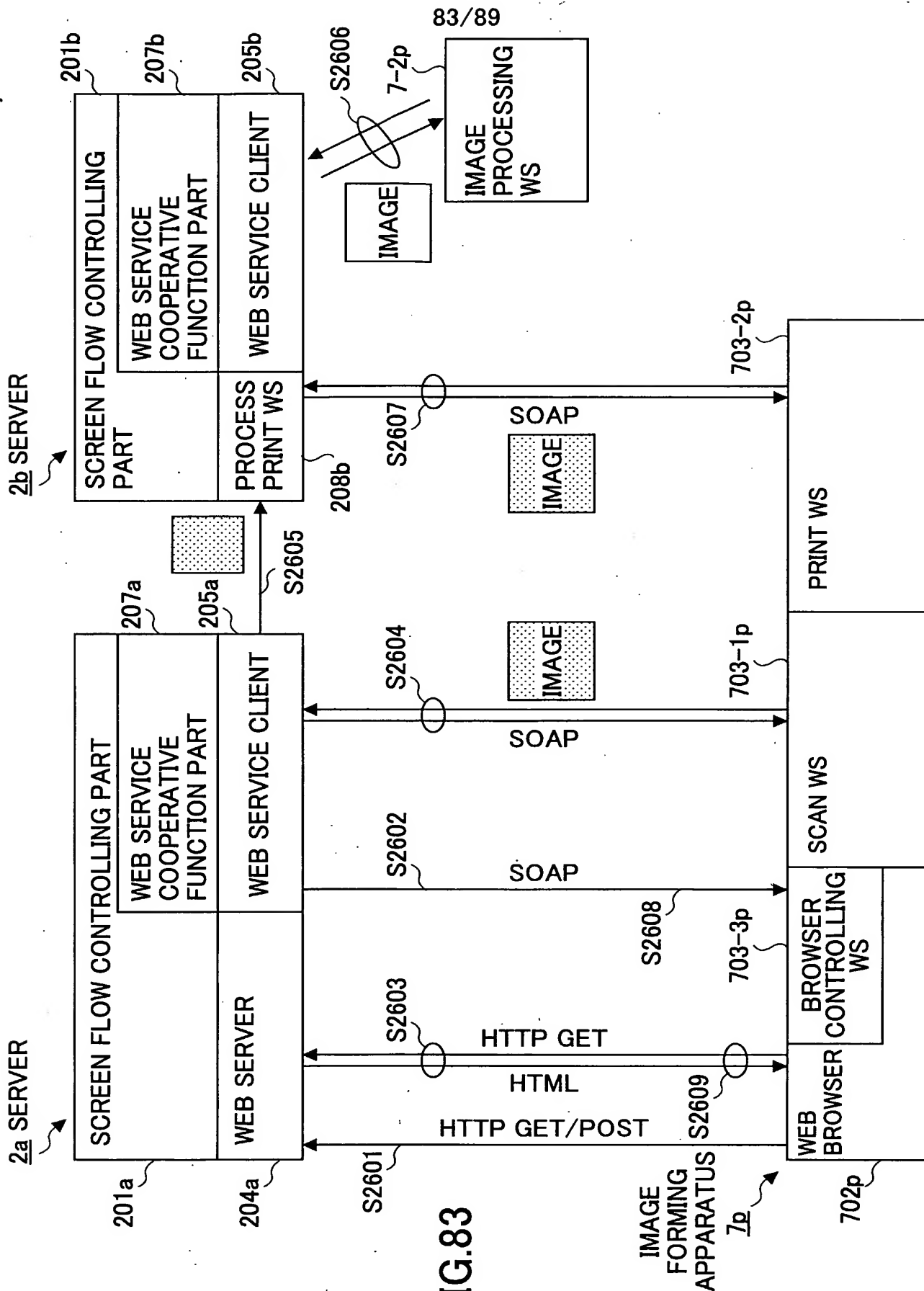


FIG.83

84/89

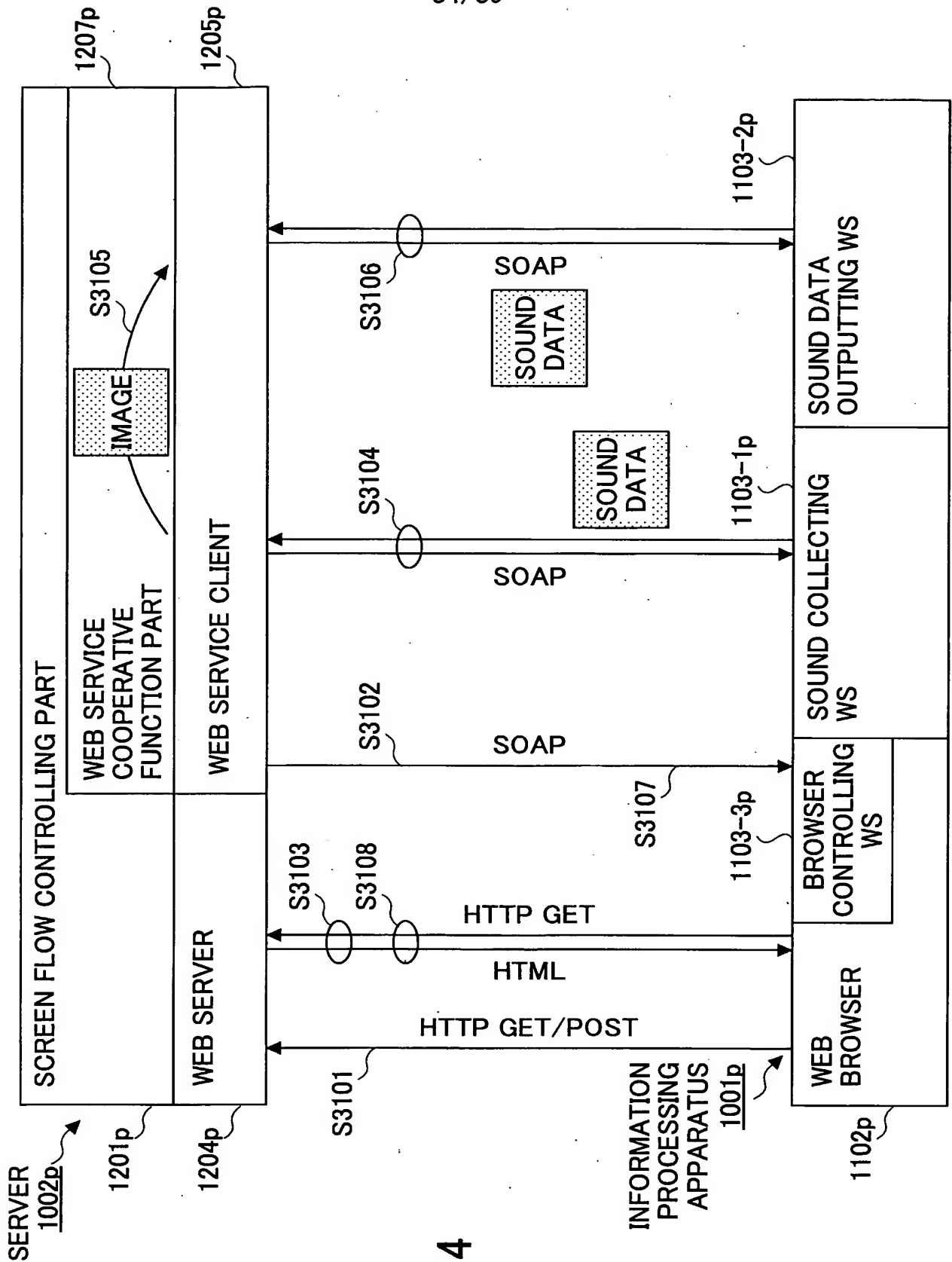


FIG.84

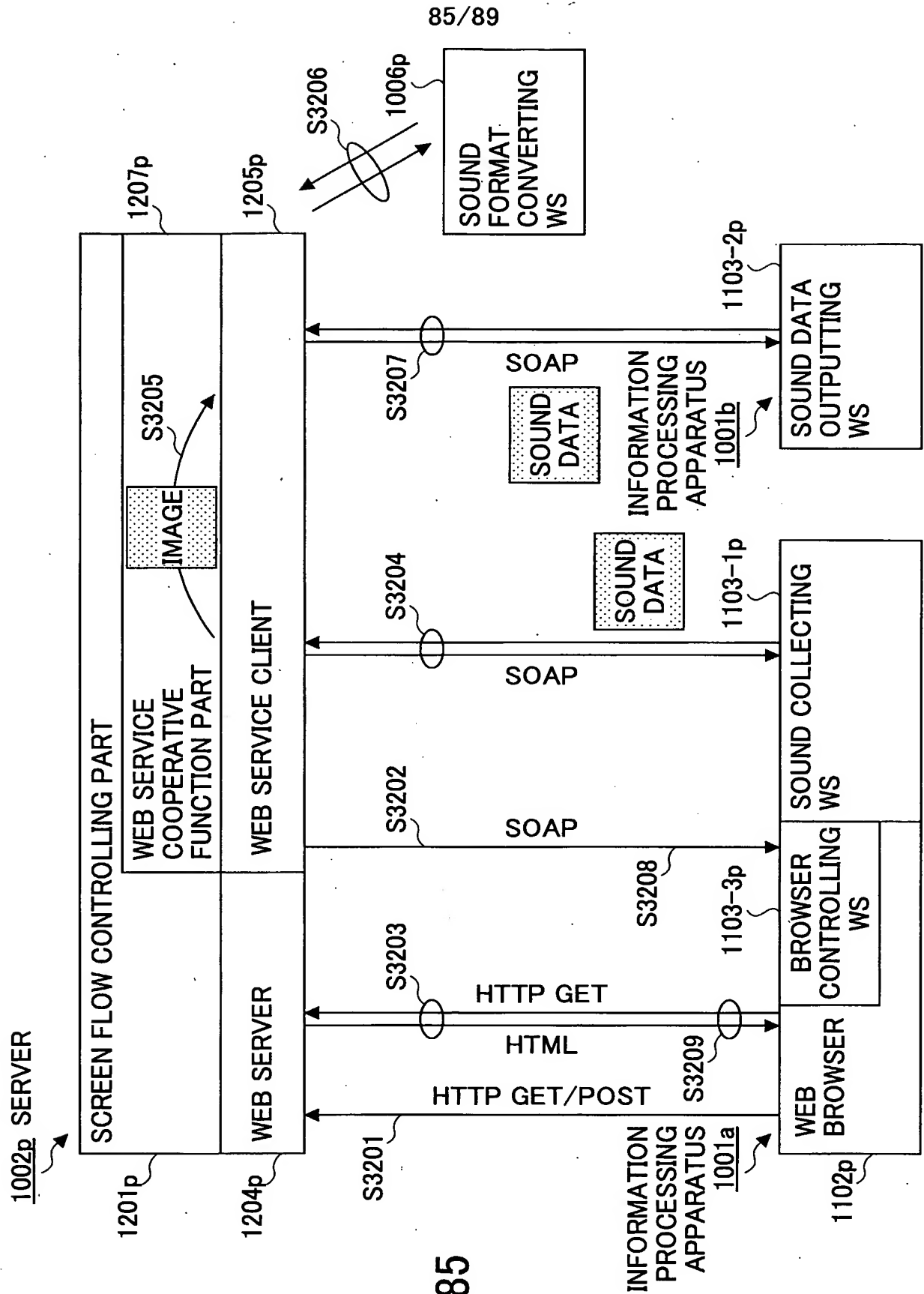
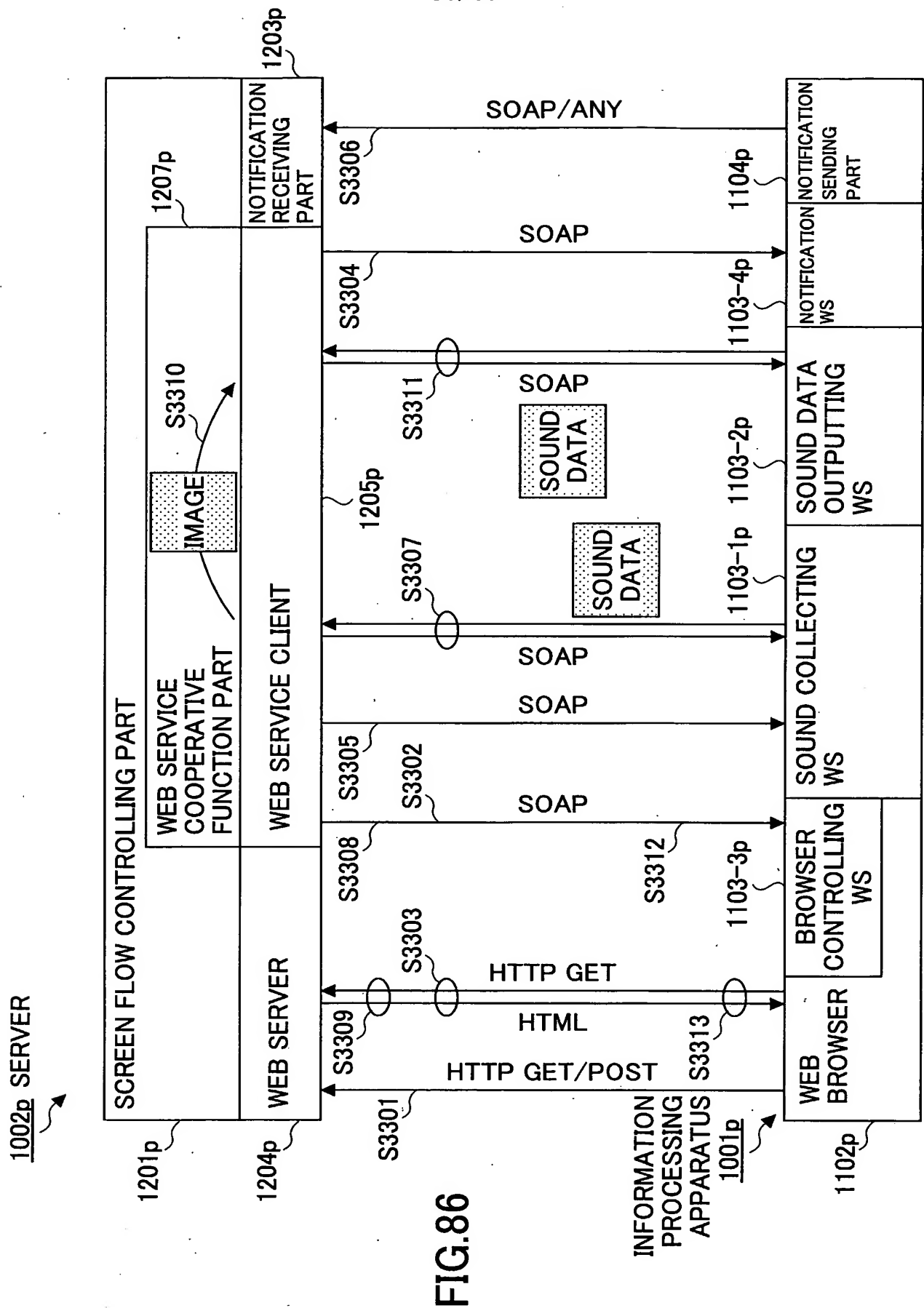
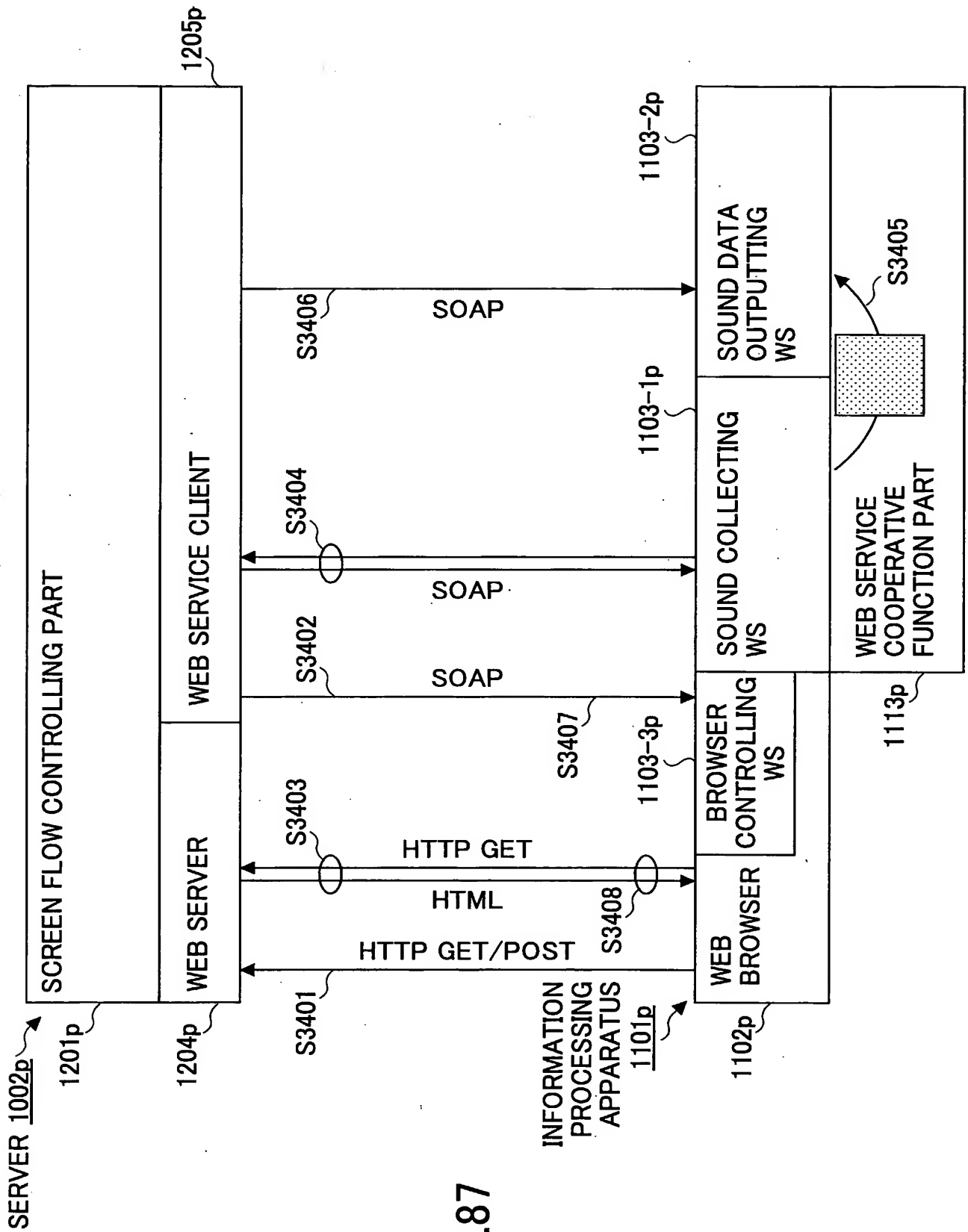


FIG. 85





88/89

